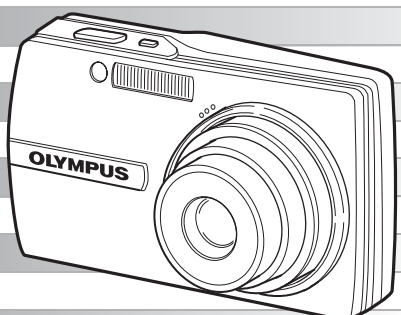
OLYMPUS®

DIGITAL CAMERA

Stylus 810/μ 810

Advanced Manual

Detailed explanation for each function such as camera buttons and menus is separately provided.



- Thank you for purchasing an Olympus digital camera. Before you start to use your new camera, please read these instructions carefully to enjoy optimum performance and a longer service life. Keep this manual in a safe place for future reference.
- We recommend that you take test shots to get accustomed to your camera before taking important photographs.
- In the interest of continually improving products, Olympus reserves the right to update or modify information contained in this manual.
- The screen and camera illustrations shown in this manual were produced during the development stages and may differ from the actual product.

How to use this manual

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5 Getting to know your camera better

Shooting tips and information

Tips before you start taking pictures

The camera does not turn on even when a battery is loaded

The battery is not fully charged

- Charge the battery with the charger.

The battery is temporarily unable to function because of the cold

- Battery performance declines in low temperatures, and the charge may not be sufficient to turn on the camera. Remove the battery and warm it by putting it in your pocket for a while.

No picture is taken when the shutter button is pressed

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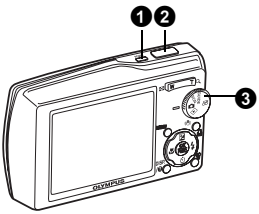
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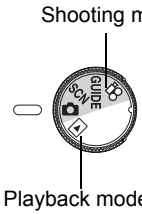
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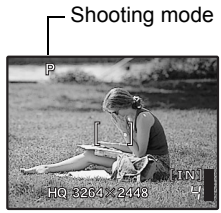
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❶ POWER button — Turning the camera on and off

Power on:

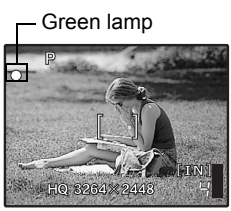
Shooting mode
- Monitor turns on
- Lens extends

Playback mode
- Monitor turns on

❷ Shutter button — Shooting pictures

Shooting still pictures

Set the mode dial to 📷 or **SCN**, and lightly press the shutter button (halfway). The green lamp lights when the focus and exposure are locked (focus lock). Now press the shutter button all the way (fully) to shoot a picture.



Locking the focus and then composing the shot (focus lock)

Compose your picture with the focus locked, and then fully press the shutter button to shoot a picture.
- When the green lamp blinks, the focus is not adjusted properly. Try locking the focus again.

Recording movies

Set the mode dial to 🎥, and lightly press the shutter button to lock the focus, and then press the shutter button fully to start recording. Press the shutter button again to stop recording.

❸ Mode dial — Switching between shooting and playback modes

Set the mode dial to the desired shooting or playback mode.

Shooting still pictures

The camera determines the optimum settings and shoots the picture.

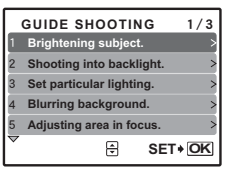
SCN Shoot pictures by selecting a scene according to the situation

You can shoot pictures by selecting a scene according to the situation.

Select the scene/change the scene to another one

- Press the **MENU** button to select [SCN] from the top menu, and change it to another scene.
- By switching to the other scene, most settings will be changed to the default settings of each scene.

GUIDE Follow the shooting guide for setting



Follow the shooting guide displayed on the screen to set the target items.

- To change the setting without using the shooting guide, set the shooting mode to another one.
- The content set using the shooting guide will change to the default setting by pressing the **MENU** button or changing the mode using the mode dial.

Recording movies

Audio is recorded with the movie.



This lights red during movie recording.

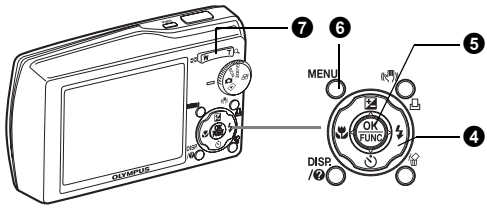
The remaining recording time is displayed. When the remaining recording time reaches 0, recording stops.

Viewing still pictures/Selecting playback mode

The last picture taken is displayed.

- Press the arrow pad (△▽◁▷) to view other pictures.
- Use the zoom button to switch among close-up playback, index display and calendar display.

☞ Movie playback “MOVIE PLAY Playing back movies” (P. 25)



❹ Arrow pad (△▽◁▷)

Use the arrow pad to select scenes, playback picture, and the items on the menus.

❺ (OK/FUNC) button (OK/FUNC)

Displays the function menu and sets the functions often used in shooting mode. This button is also used to confirm your selection.

The functions you can set with the function menu

P/AUTO Shooting pictures with automatic settings

Select the shooting mode when you have set the mode dial to 📷.

P (Program auto)	The camera automatically sets the optimum aperture value and shutter speed for the brightness of the subject.
AUTO (Full auto mode)	The camera automatically sets white balance and ISO sensitivity in addition to the aperture and shutter speed.

☞ "WB Adjusting the color of a picture" (P. 21)
"ISO Changing the ISO sensitivity" (P. 21)
"DRIVE Continuous shooting" (P. 22)
"ESP/[•] Changing the area for measuring the brightness of a subject" (P. 22)

Function menu



◁▷: Select a setting, and press (OK).

△▽: Select the setting items.

❻ MENU button (MENU)

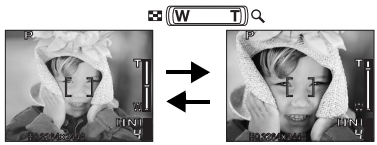
Displays the top menu.

❼ Zoom button — Zooming while shooting/close-up playback

Shooting mode: Zooming in on your subject

Optical zoom: 3×

Zoom out: Press W on the zoom button.

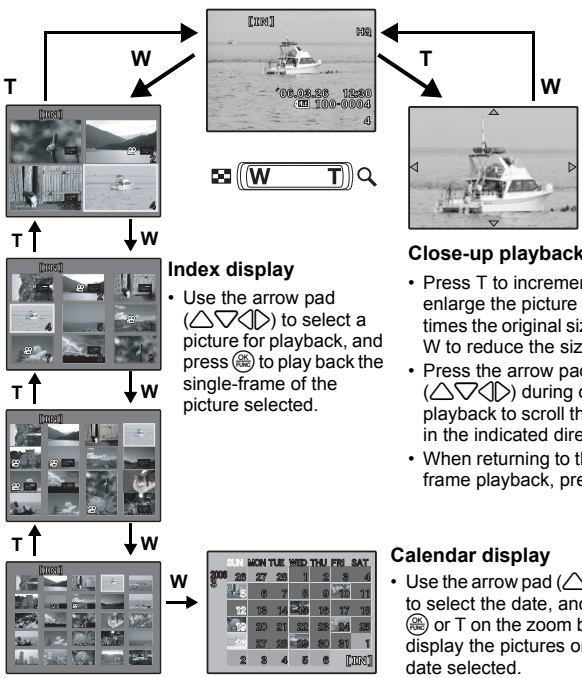


Zoom in: Press T on the zoom button.

Playback mode: Switching the picture display

Single-frame playback

- Use the arrow pad (△▽◁▷) to browse pictures.



Index display

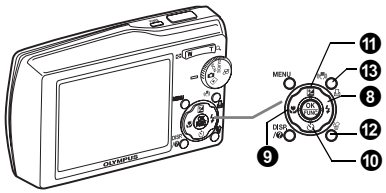
- Use the arrow pad (△▽◁▷) to select a picture for playback, and press (OK) to play back the single-frame of the picture selected.

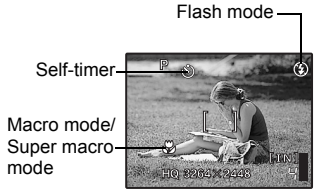
Close-up playback

- Press T to incrementally enlarge the picture up to 10 times the original size. Press W to reduce the size.
- Press the arrow pad (△▽◁▷) during close-up playback to scroll the picture in the indicated direction.
- When returning to the single-frame playback, press (OK).

Calendar display

- Use the arrow pad (△▽◁▷) to select the date, and press (OK) or T on the zoom button to display the pictures on the date selected.





❽ ▷ϟ button — Flash shooting

Press the ▷ϟ button in shooting mode to select the flash mode.
Press (OK FUNC) for setting.

AUTO (Auto-flash)	The flash fires automatically in low light or backlight conditions.
Red-eye reduction flash	This emits pre-flashes for red-eye reduction.
Fill-in flash	The flash fires regardless of the available light.
Flash off	The flash does not fire even in low light conditions.

❾ ◁ button — Shooting pictures close to the subject

Press the ◁ button in shooting mode to select the macro mode.
Press (OK FUNC) for setting.

Macro mode	This mode lets you shoot from as close as 30cm/11.8 in. (when the zoom is set for the zoom-out angle) and as close as 50cm/19.6 in. (when the zoom is set for the zoom-in angle) to your subject.
Super macro mode	This mode lets you shoot from as close as 10cm/3.9 in. to your subject.

❿ ▽ button — Self-timer shooting

Press the ▽ button in shooting mode to select on and off of the self-timer.
Press (OK FUNC) for setting.

ON	After the setting, press the shutter button fully.
OFF	Cancel the self-timer.

- The self-timer lamp lights for approximately 10 seconds, blinks for approximately 2 seconds, and then the picture is taken.
- To cancel the self-timer, press the ▽ button.
- Self-timer shooting is automatically canceled after one shot.

⓫ △ button — Changing picture brightness



Press the △ button in shooting mode to adjust the exposure.

- Adjustable from - 2.0EV to +2.0 EV

▷: Brighten
◁: Darken

Activate the setting contents.

⓬ button — Erasing pictures

In playback mode, select the picture you want to erase, and press the button.

- Once erased, pictures cannot be restored. Check each picture before erasing to avoid accidentally erasing pictures you want to keep.

☞"Protecting pictures" (P. 29)

⓭ /🖶 button — Stabilizing digital image /Printing pictures

Stabilizing digital image

Shooting mode: Shooting with digital image stabilization mode

This function stabilizes the blur caused by a moving subject or camera movement when taking pictures. To use this function, press the /🖶 button in shooting mode.

- Shooting in a dark environment makes ISO higher, which may increase electrical noise, causing a rough image.
- By switching to the other mode, most settings will be changed to the default settings of each mode.

Playback mode: Stabilizing the recorded digital image

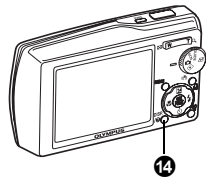
If the recorded digital image has any blur incurred by camera movement, the image will be stabilized and saved as a new one. Press the /🖶 button in the playback mode and press the OK button.

- Pictures shot by the camera other than this camera or pictures edited by the PC cannot be fixed.

🖶 Printing pictures

When the printer is connected to the camera, display a picture to be printed out in playback mode, and press the /🖶 button.

☞"EASY PRINT" (P. 41)



14 DISP. button — Changing the information on display /Display the menu guide

Changing the information displays

Press the DISP. button to change the display in the following order.

Shooting mode



Normal display



Simple display*1



FRAME ASSIST*1*2 (Horizontal and vertical lines or diagonal lines)



Histogram display*1*2

Playback mode



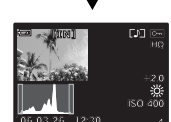
Normal display



Detailed display



No information display



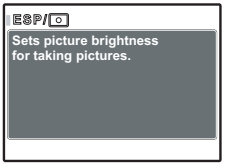
Histogram display*1

*1 Not displayed in case of 🎥.

*2 Not displayed when the mode is set [OFF] in the menu.

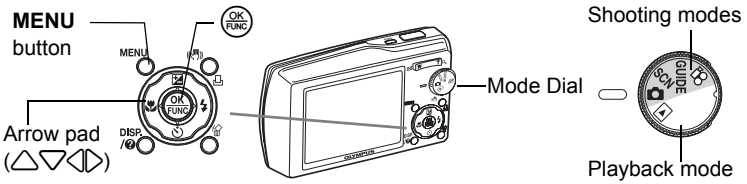
☞ "Display the histogram" (P. 39)
"FRAME ASSIST Display the frame assist/Decide the type" (P. 39)

Displaying the menu guide



With menu items selected, hold down the DISP./? button to display the menu guide. Release the DISP./? button to close the menu guide.

2 Menu operations

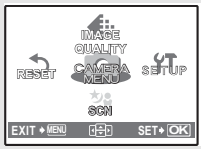


About the menus

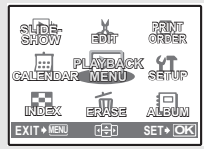
Press the **MENU** button to display the top menu.
The items displayed on the top menu differ according to the mode.

- When the mode dial is set at **GUIDE**, press the **MENU** button to display the shooting guide screen.

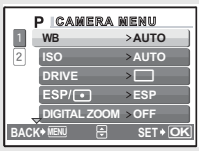
Top menu in the shooting mode



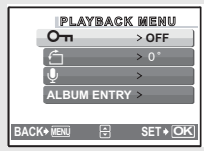
Top menu in the playback mode



- When [CAMERA MENU], [PLAYBACK MENU], [EDIT], [ERASE], or [SETUP] is selected, the menu corresponding to the respective functions is displayed.



Menu displayed when [CAMERA MENU] is selected



Menu displayed when [PLAYBACK MENU] is selected

Using the menus

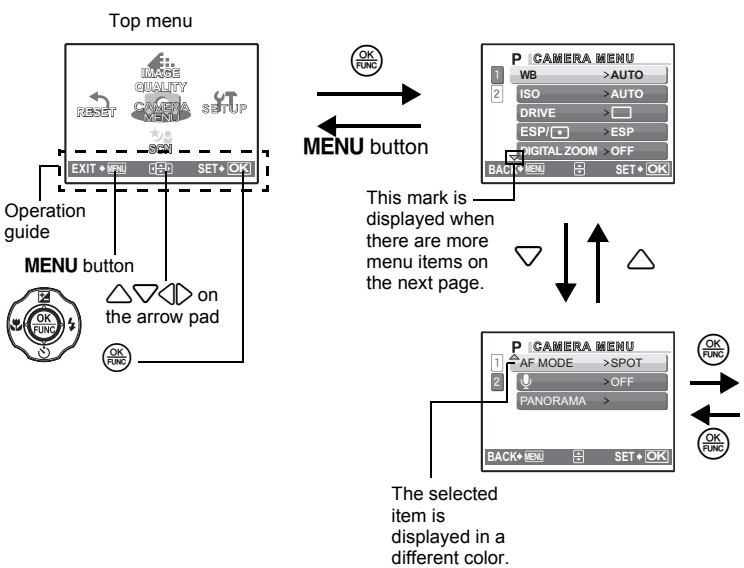
Use the arrow pad (△▽◁▷) and (OK FUNC) to set menu items.

This explains how to use the menus with the [AF MODE] setting as an example.

Set the mode dial to the desired mode.
- In this case, set the mode dial to 📷.

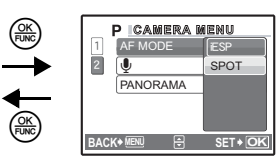
1 **Press the MENU button to display the top menu, and then press (OK FUNC).**
- [AF MODE] is on a menu in [CAMERA MENU]. Press (OK FUNC).
- To display other menus, use the arrow pad (△▽◁▷) to select a menu, and press (OK FUNC).
- To close the top menu, press the **MENU** button.

2 **Press △▽ to select a setting, and press (OK FUNC).**
- [AF MODE] is the sixth menu item, so press ▽ five times, and then press (OK FUNC).
- Unavailable settings cannot be selected.

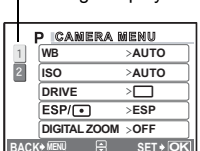


3 **Press △▽ to select a setting, and press (OK FUNC).**

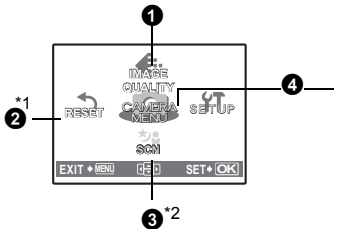
- Select the [AF MODE] from [iESP] and [SPOT] and then press (OK FUNC).
- The menu item is set and the previous menu is displayed.



Page display



When there are more menu items on the next page, press ◁ on the procedure 2 screen to move the cursor to the page display.
Press △▽ to change the page.
To return to the previous page, press ▷ or (OK FUNC).



CAMERA MENU

WB	DIGITAL ZOOM
ISO	AF MODE
DRIVE	
ESP/[•]	PANORAMA*3

*1 [RESET] cannot be selected when the mode dial is set to **SCN**.
*2 **SCN** can be selected when the mode dial is set to **SCN**.
*3 A card is required.

☞ "SETUP menus" (P. 34)

• Some functions are not available according to the selected mode.
☞ "Functions available in shooting modes and scenes" (P. 73)

• The factory default settings are displayed in gray ().

1 IMAGE QUALITY — Changing the image quality

Still picture image quality and their applications

Image quality/Image size		Compression	Application
SHQ	3264 × 2448	Low compression	• This is useful for printing large images on full-size paper.
HQ	3264 × 2448	Standard compression	• This is useful for performing computer image processing, such as contrast adjustment and red-eye correction.
SQ1	2560 × 1920	Standard compression	• This is useful for postcard-sized prints.
	2304 × 1728		• This is useful for computer editing such as rotating or adding text to a picture.
	2048 × 1536		
SQ2	1600 × 1200	Standard compression	• This is useful for viewing pictures on a computer.
	1280 × 960		
	1024 × 768		• This is useful for sending as e-mail attachments.
	640 × 480	Low compression	

Movie image quality

Image quality/Image size	
SHQ	640 × 480
HQ	320 × 240
SQ	160 × 120

❷ RESET — Change the shooting functions back to default settings

NO /YES

Restore shooting functions back to default settings. The mode dial has to be set to 📷 (P or AUTO) in order to restore default settings.

Functions for returning the settings to the original when the reset function is executed

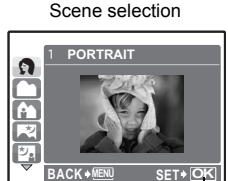
Function	Factory default setting	Ref. Page
Flash	AUTO	P. 12
🌷	OFF	P. 12
⏲	⏲OFF	P. 12
±	0.0	P. 13
IMAGE QUALITY	HQ	P. 19
WB	AUTO	P. 21
ISO	AUTO	P. 21
DRIVE	▭	P. 22
ESP/[•]	ESP	P. 22
DIGITAL ZOOM	OFF	P. 22
AF MODE	SPOT	P. 23
🎙	OFF	P. 23

❸ SCN (Scene) — Shooting pictures by selecting a scene according to the situation

The scene selection screen displays sample images and the shooting mode to best suit the situation.

- By switching to the other scene, most settings will be changed to the default settings of each scene.

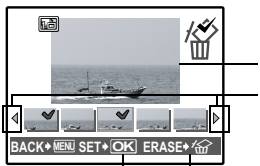
Scene selection



Press (OK FUNC) to decide the scene.

[SHOOT & SELECT1] / [SHOOT & SELECT2]

- Press and hold the shutter button to shoot sequential pictures. After shooting pictures, select the ones you want to erase, put the ✓ to them, and press 🗑 button to erase them.



Selected picture

Press ◁▷ to scroll through the pictures.

Pictures with a ✓ mark are erased.

Select the pictures to be erased.

❹ CAMERA MENU

WB Adjusting the color of a picture

AUTO		The white balance is adjusted automatically for natural color, regardless of the light source.
☼	Sunny day	For shooting under a clear sky.
☁	Cloudy day	For shooting under a cloudy sky.
☼	Tungsten light	For shooting under tungsten lighting.
1	Fluorescent lamp 1	For shooting under daylight fluorescent lighting. (This type of lamp is mainly used in homes.)
2	Fluorescent lamp 2	For shooting under a neutral white fluorescent lamp. (This type of lamp is mainly used in desk lamps.)
3	Fluorescent lamp 3	For shooting under a white fluorescent lamp. (This type of lamp is mainly used in offices.)

ISO Changing the ISO sensitivity

AUTO	Sensitivity is automatically adjusted according to the conditions of the subject.
64/100/200/ 400/800/ 1600/3200	A low value lowers the sensitivity for daylight shooting of clear, sharp pictures. The higher the value, the better the camera's light sensitivity and ability to shoot with a fast shutter speed and in low light conditions. However, high sensitivity introduces noise into the resulting picture, which may give it a grainy appearance.

- When the camera is set to [3200], the [IMAGE QUALITY] is limited to [2048 × 1536] or less.

DRIVE **Continuous shooting**

▭	Shoots 1 frame at a time when the shutter button is pressed.
HI	You can take a sequence of pictures at one time while holding down the shutter button.

The camera will take pictures in sequence until you release the shutter button.

- In high speed sequential shooting, [IMAGE QUALITY] will be limited to below [2048 × 1536].

ESP/[•] **Changing the area for measuring the brightness of a subject**

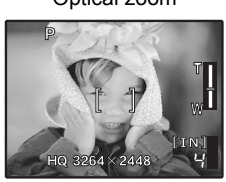
ESP	Meters the brightness at the center of the monitor and the surrounding area separately to create a picture with balanced brightness. When taking pictures against strong backlight, the center of the picture may appear dark.
[•]	Only the center of the monitor is metered. Suitable for taking a picture of the subject in the center of the monitor against backlight.

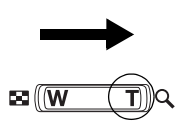
DIGITAL ZOOM **Zooming in on your subject**

OFF /ON

The digital zoom can be used to take close-up pictures with stronger magnification than the optical zoom. (Optical zoom × Digital zoom: the maximum 15×)

Optical zoom





Digital zoom



Zoom bar

White area: The optical zoom area
Red area: The digital zoom area

AF MODE **Changing the focusing area**

iESP	The camera determines which subject within the screen to focus on. Even when the subject is not in the center of the screen, focusing is possible.
SPOT	Focus selection is based on the subject within the AF target mark.

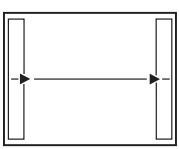
🎙 **Recording sound with still pictures**

OFF /ON

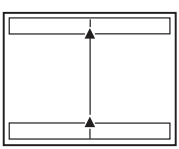
Recording starts about 0.5 seconds after the shutter button is released and lasts about 4 seconds.
When recording, aim the camera microphone at the source of the sound you want to record.

PANORAMA **Creating a panoramic picture**

Panorama shooting lets you create a panoramic picture, using the OLYMPUS Master software from the provided CD-ROM. An Olympus xD-Picture Card is required for panorama shooting.



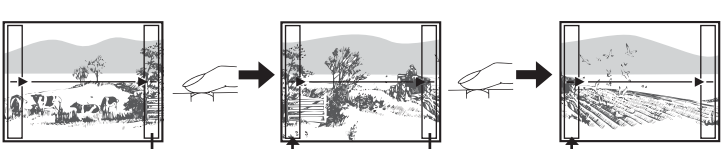
Connects pictures from left to right



Connects pictures from bottom to top

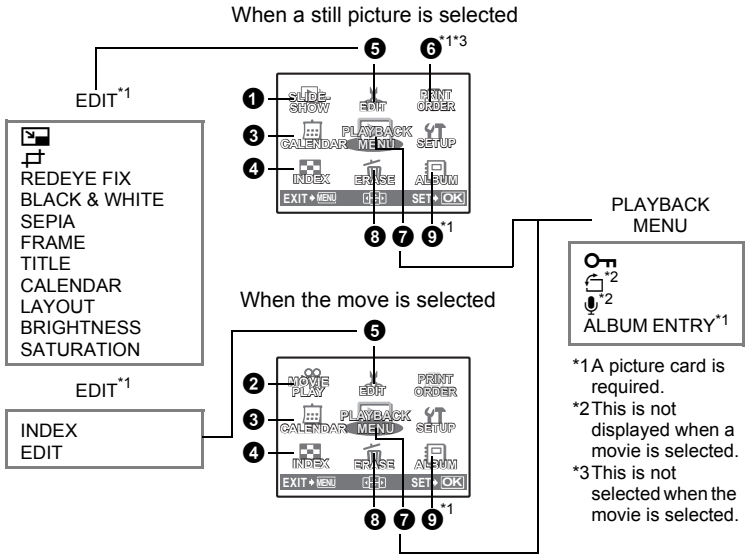
▷: The next picture is connected at the right edge.
◁: The next picture is connected at the left edge.
△: The next picture is connected at the top.
▽: The next picture is connected at the bottom.

Use the arrow pad (△▽◁▷) to specify at which edge you want to connect the pictures, and then compose your shots so that the edges of the pictures overlap. The part of the previous picture where it will be joined to the next picture does not remain in the frame. You have to remember what the part in the frame looked like and take the next picture so it overlaps.



Panorama shooting is possible for up to 10 pictures. Press OK FUNC button to exit panorama shooting.

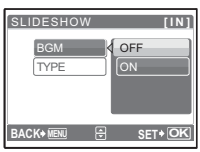
Playback mode menu



☞ “SETUP menus” (P. 34)

• The factory default settings are displayed in gray ().

❶ SLIDESHOW — Playing back pictures automatically



- Set [BGM] to [ON] or [OFF].
- Select the transition effect between pictures from [TYPE].

BGM	ON	/ OFF
TYPE	NORMAL	
	SCROLL	
	FADER	
	SLIDE	
	ZOOM DOWN	
	ZOOM UP	
	CHECKERBOARD	
	BLINDS	
	SWIVEL	
	RANDOM	

• Only the first frame of each movie is displayed.
• After setting [BGM] and [TYPE], press (OK) to start the slideshow.
• Press (OK) or **MENU** button to cancel the slideshow.

❷ MOVIE PLAY — Playing back movies

Select [MOVIE PLAY] from the top menu, and press (OK) to play back the movie. Another option is to select a picture with the movie icon (🎞), and press (OK) to play back the movie.



Operations during movie playback



Playing time/Total recording time

△ : Increases the volume.
▽ : Reduces the volume.

▷ : Each time you press the button, the playback speed changes in the following order: 2×; 20×; and back to 1×.
◁ : Plays the movie in reverse. Each time you press the button, the playback speed changes in the following order: 2×; 20×; and back to 1×.

• Press (OK) to pause the playback.

Operations during pause



△ : Displays the first frame.
▽ : Displays the last frame.

▷ : Displays the next frame.
◁ : Displays the previous frame.

• To resume the movie, press (OK).

• To cancel the playback of the movie in the middle of it or during pause, press the **MENU** button.

❸ CALENDAR — Playing back the pictures in a calendar format

This function lets you play back the pictures in a calendar format by the date of recording.

☞ “Zoom button Zooming while shooting/close-up playback” (P. 11)

❹ INDEX — Viewing the pictures as a thumbnail

This function lets you view the pictures in 9 frames at the same time.

☞ “Zoom button Zooming while shooting/close-up playback” (P. 11)

❺ EDIT

This function lets you edit still pictures saved on a card and store them as new pictures.

..... Changing the size of pictures

640 × 480	/320 × 240

This changes the image size of a picture and saves it as a new file.

.....Cropping a picture

Crop a picture, and save the cropped picture as a new picture.



- Use ◁▷ to select a picture to be cropped and press (OK FUNC).
- Press the arrow pad (△▽◁▷) or zoom button, adjust the position and size of the area-selection box and press (OK FUNC).

REDEYE FIX.....Fixing the red-eye in pictures

This function corrects the red-eye look that often occurs when taking pictures with a flash.

BLACK & WHITE.....Changing pictures to black and white

This changes the picture to black and white and saves it as a new file.

SEPIA Changing pictures to a sepia tone

This changes the picture to sepia and saves it as a new file.

FRAME **Synthesize the frame and the picture**

This function lets you select the frame, and synthesize the frame and the picture, and store it as a new picture.



- Select a frame with ◁▷ and press (OK FUNC).
- Select the picture to be synthesized with the frame with ◁▷, and press (OK FUNC). (Press △▽ to turn the picture 90 degrees clockwise or 90 degrees counterclockwise.)
- Press the arrow pad (△▽◁▷) and the zoom button to adjust the position and size of the picture, and press (OK FUNC).

TITLE **Synthesize the title and the picture**

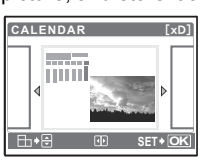
This function lets you select the title, synthesize the title and the picture, and store it as a new picture.



- Select the picture with ◁▷, and press (OK FUNC).
- Select the title with ◁▷, and press (OK FUNC). (Press △▽ to turn the title 90 degrees clockwise or 90 degrees counterclockwise.)
- Press the arrow pad (△▽◁▷) and the zoom button to adjust the position and size of the picture, and press (OK FUNC).
- Set the color of the title with the arrow pad (△▽◁▷), and press (OK FUNC).

CALENDAR **Synthesize the calendar using the picture**

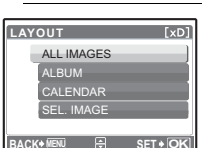
This function lets you select the calendar, synthesize the calendar and the picture, and store it as a new picture.



- Select the picture with ◁▷, and press (OK FUNC).
- Select the calendar with ◁▷, and press (OK FUNC). (Press △▽ to turn the picture 90 degrees clockwise or 90 degrees counterclockwise.)
- Set the date of the calendar, and press (OK FUNC).

LAYOUT **Making a layout of several recorded pictures**

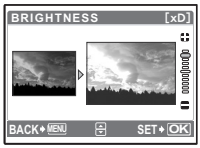
ALL IMAGES	Layout of the all pictures stored in the card will be made.
ALBUM	The picture you want to make layout is selected from the album.
CALENDAR	A monthly calendar appears and the pictures you want to make layout are selected by the date.
SEL. IMAGE	Pictures that you want to make layout are specified one by one.



- Use ◁▷ to select a layout pattern and press (OK FUNC).
- Select the picture type you want to make layout and press (OK FUNC).
- Select the picture and press (OK FUNC). (When [SEL. IMAGE] is selected, press △▽ to turn the picture 90 degrees clockwise or 90 degrees counterclockwise.)

BRIGHTNESS **Change the brightness of the picture**

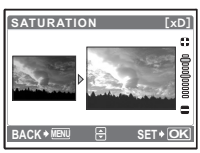
This function lets you adjust the brightness of the picture, and store it as a new picture.



- Select the picture with ◁▷, and press (OK FUNC).
- Adjust the brightness with △▽, and press (OK FUNC).

SATURATION **Change the vividness of the picture**

This function lets you adjust the vividness of the picture, and store it as a new picture.



- Select the picture with ◁▷, and press (OK FUNC).
- Adjust the vividness with △▽, and press (OK FUNC).

INDEX **Making an index picture from a movie**

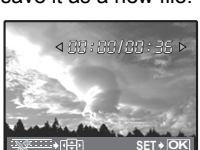
This extract 9 frames from a movie and saves them as a new picture (INDEX).



- Use ◁▷ to select a movie and press (OK FUNC).
- Use the arrow pad (△▽◁▷) to select the head frame and press (OK FUNC). Select the last frame in the same way and press (OK FUNC).

EDIT **Cutting a part of the movie**

Select a part of the movie you wish to save, overwrite the original file with it, or save it as a new file.



- Select [NEW FILE] or [OVERWRITE] and press (OK FUNC).
- Use the arrow pad (△▽◁▷) to select the head frame and press (OK FUNC). Select the last frame in the same way and press (OK FUNC). Your selection is now saved.

❻ PRINT ORDER — Making print reservations (DPOF)

This function allows you to save printing data (the number of prints and the date and time information) with the pictures stored on the card.
☞“Print settings (DPOF)” (P. 46)

❼ PLAYBACK MENU

Protecting pictures

OFF /ON



Protected pictures cannot be erased with [ERASE]/[SEL.IMAGE]/[ALL ERASE], but they are all erased by formatting.

- Select the picture with ◁▷, and protect it by selecting [ON] with △▽. You can protect several frames in succession.

Rotating pictures

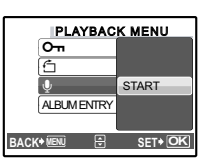
+90° / 0° / -90°

Pictures taken with the camera held vertically are displayed horizontally. This function lets you turn such pictures so that they are displayed vertically. New picture orientations are saved even when the power is turned off.



+90° 0° -90°

Adding sound to still pictures



Sound is recorded for about 4 seconds.

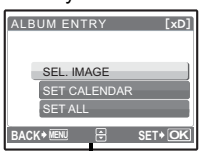
- When [START] is displayed, aim the camera microphone at the source of the sound you want to record, and press (OK FUNC).
- Recording starts and the [BUSY] bar is displayed during recording.

ALBUM ENTRY.....Adding pictures to an album

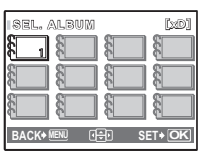
Pictures recorded to the card can be organized by sorting them into albums. Pictures stored in the internal memory cannot be entered in albums.

☞"Album playback menus" (P. 32)

Select the album entry method



Select an album to add the pictures



[SEL. IMAGE]



Select one frame at a time for entry

- Use the arrow pad (△▽◁▷) to select a picture, and press (OK FUNC) to add ✓.
- Press (OK FUNC) again to cancel the selection.
- When the selection is completed, press (OK FUNC) for a while.

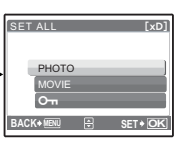
[SET CALENDAR]



Add pictures taken on the same day

Use the arrow pad (△▽◁▷) to select the date with pictures to enter in the album, and press (OK FUNC).

[SET ALL]



Select all still images, all protected images, or all movies

❽ ERASE — Erase selected pictures/Erase all pictures

Protected pictures cannot be erased. Cancel protection before erasing protected pictures. Once erased, pictures cannot be restored. Check each picture before erasing to avoid accidentally erasing pictures you want to keep.

- When erasing the picture in the internal memory, do not insert the card into the camera.
- When erasing the picture from the card, insert a card into the camera in advance.

SEL. IMAGE Erase by selecting the single-frame



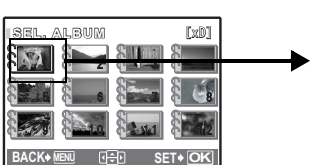
- Use the arrow pad (△▽◁▷) to select the picture, and press (OK FUNC) to put ✓.
- To cancel the selection, press (OK FUNC) again.
- When the selection is completed, press 🗑 button.
- Select [YES], and press (OK FUNC).

ALL ERASE..... Erase all the pictures in the internal memory and the card

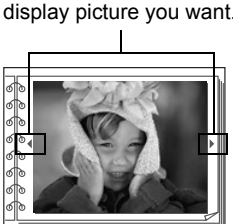
- Select [YES], and press (OK FUNC).

❾ ALBUM — See the pictures registered in the album

Use the arrow pad (△▽◁▷) to select an album, and press (OK FUNC).



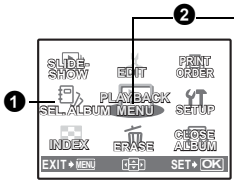
Use the arrow pad (△▽◁▷) to display picture you want.



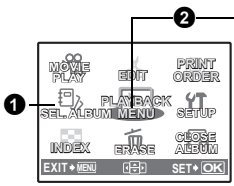
Album playback menus

• A card is required.

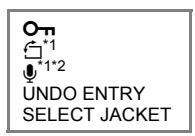
When the still picture is selected



When the move is selected



PLAYBACK MENU



*1 This is not displayed when the movie is selected.
*2 The still pictures registered in the album cannot be recorded.

☞ “SLIDESHOW Playing back pictures automatically” (P. 24)
“MOVIE PLAY Playing back movies” (P. 25)
“Print settings (DPOF)” (P. 46)
“SETUP menus” (P. 34)
“ERASE Erase selected pictures/Erase all pictures (P. 31)

❶ SEL. ALBUM — See other album

To switch albums, select the desired album from [SEL. ALBUM].
☞ “ALBUM See the pictures registered in the album” (P. 31)

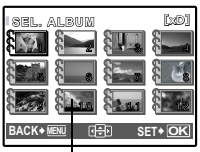
❷ PLAYBACK MENU

UNDO ENTRY **Undoing album entries**

Even if a picture is removed from an album, the picture remains in the card.

SEL. IMAGE	Select one frame at a time to undo.
	• Press the arrow pad (△▽◁▷) to select a picture, and press (OK FUNC) to add √. • Press (OK FUNC) again to cancel the selection. • When the selection is completed, press (OK FUNC) for a while.
UNDO ALL	Undo all pictures in the album

SELECT JACKET **Selecting the jacket**



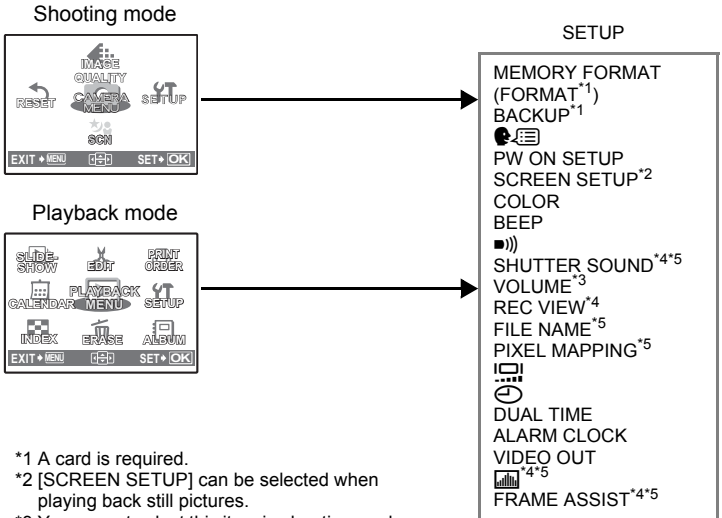
Title image (first frame in the album)

You can change the jacket (first frame in the album) to be displayed on the album selection screen.

Other album menus

☞ "O-n Protecting pictures" (P. 29)
"↶ Rotating pictures" (P. 29)

SETUP menus



*1 A card is required.
*2 [SCREEN SETUP] can be selected when playing back still pictures.
*3 You cannot select this item in shooting mode.
*4 You cannot select this item when the mode dial is set to .
*5 You cannot select this item in playback mode.

MEMORY FORMAT (FORMAT)..... Formatting the internal memory or card

All existing data, including protected pictures, are erased when the internal memory or card is formatted. Make sure that you save or transfer important data to a computer before formatting the card.

- Make sure there is no card inserted in the camera when formatting the internal memory.
- When the internal memory is formatted, the data of the frames and titles downloaded with the provided OLYMPUS Master software will be deleted.
- Be sure that the card is inserted in the camera when formatting the card.
- Before using non-Olympus cards or cards which have been formatted on a computer, you must format them with this camera.

BACKUP..... Copying pictures in the internal memory to the card

Insert the optional card into the camera. Copying data does not erase the picture in the internal memory.

- It takes some time to back up data. Check if the battery is not empty before starting the copy, or use the AC adapter.

..... Selecting a display language

You can select a language for on-screen display. Available languages vary depending on the area where you purchased this camera.
You can add other languages to your camera with the provided OLYMPUS Master software.

PW ON SETUP Setting the startup screen and volume

SCREEN	OFF (No picture is displayed.) / 1 / 2 (The picture registered with [SCREEN SETUP] is displayed.)	
VOLUME	OFF (No sound) / LOW / HIGH	

You can select the volume level and the picture displayed when the camera is turned on. If [SCREEN] is set to [OFF], [VOLUME] cannot be set.

SCREEN SETUP Registering a picture as the startup screen

Still pictures in the internal memory or the card can be registered to screen [2] for [PW ON SETUP].
If a picture is already registered, the [IMAGE EXISTING] screen is displayed asking if you want to cancel the currently registered picture and register a new one.

COLOR Setting the color of the menu screens

NORMAL	/BLUE	/BLACK	/ PINK

BEEP Adjusting the volume of beep when button is pressed

OFF (No sound) /	LOW	/ HIGH

■))) Adjust the volume of camera warning sound

OFF (No sound) /	LOW	/ HIGH

SHUTTER SOUND Selecting the sound of the shutter button

OFF (No sound)			
1	LOW	/	HIGH
2	LOW	/	HIGH
3	LOW	/	HIGH

VOLUME..... **Adjusting the volume during playback**

OFF (No sound) / 1 / 2 / 3 / 4 / 5

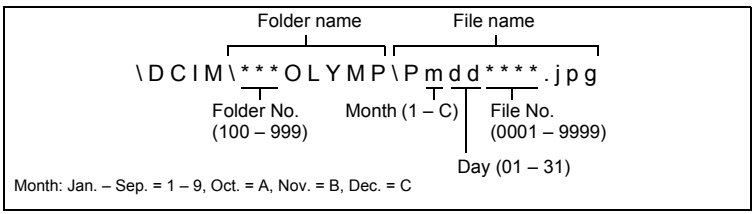
REC VIEW..... **Viewing pictures immediately**

OFF	The picture being recorded is not displayed. This is useful when you want to prepare for your next shot while the previous picture is being recorded.
ON	The picture being recorded is displayed. This is useful for making a brief check of the picture you have just taken. You can resume shooting while the picture is still being displayed.

FILE NAME.....**Resetting the file names of pictures**

RESET	This method is useful when grouping files on separate cards. The file number and folder number are reset every time a new card is inserted in the camera. The folder number returns to [No. 100] and the file number returns to [No. 0001].
AUTO	This method is useful when you want to manage all your files with sequential numbers. Even if a new card is inserted, the folder number and file number are retained from the previous card. This helps you to manage multiple cards.

File names and their folder names for recorded pictures are automatically generated by the camera. File names and folder names respectively include file numbers (0001 to 9999) and folder names (100 to 999), and are named as follows.



PIXEL MAPPING**Adjusting the image processing function**

The pixel mapping feature allows the camera to check and adjust the CCD and image processing functions. It is not necessary to operate this function frequently. Approximately once a year is recommended. Wait at least one minute after taking or viewing pictures to allow the pixel mapping function to perform properly. If you turn the camera off during pixel mapping, start again.
Select [PIXEL MAPPING]. When [START] is displayed, press ⊛.

.....Adjusting the monitor brightness

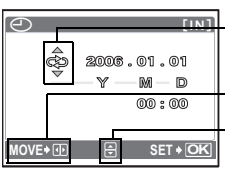


Press (OK FUNC) after setting is complete.

△: Brightens the monitor. ▽: Darkens the monitor.

.....Setting the date and time

The date and time is saved with each image, and is used in the file name.



△▽ : Select the date format (Y-M-D, M-D-Y, D-M-Y).

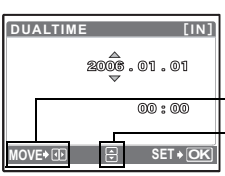
◁▷ : Moves to the previous or next setting.

△▽ : Sets the date and time.

- The first two digits of the year are fixed.
- The time is displayed in the 24-hour format.
- For a more accurate setting, press (OK FUNC) when the time signal hits 00 seconds.

DUALTIME Setting the date and time in another time zone

OFF	Switches to the date and time set in [⏲].
ON	Switches to the date and time set in [DUALTIME]. When setting the dual time, select [ON], and then set the time.



◁▷ : Moves to the previous or next setting.

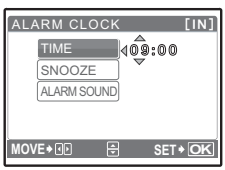
△▽ : Sets the date and time.

- The date format is the same as that set with [⏲].
- The first two digits of the year are fixed.
- The time is displayed in the 24-hour format.
- For a more accurate setting, press (OK FUNC) when the time signal hits 00 seconds.

OFF	No alarm is set or alarm is canceled.
ONE TIME	Alarm is activated once.
DAILY	Alarm is activated daily at the set time.

- When [⏲] has not been set, [ALARM CLOCK] is not available.
- When [DUALTIME] is set to [ON], the alarm sounds according to the dual time date and time setting.

Setting an alarm



- Select [ONE TIME] or [DAILY], and set the alarm time.
- You can set snooze or alarm sounds and volume.

TIME	Sets the alarm time.	
SNOOZE	OFF	No snooze is set.
	ON	Alarm is activated every 5 minutes, up to 7 times.
ALARM SOUND	1 LOW / MID / HIGH	
	2 LOW / MID / HIGH	
	3 LOW / MID / HIGH	

Operating, shutting off and checking the alarm

- Operating the alarm:
 Turn off the camera. The alarm only operates when the camera is off.
- Shutting off the alarm:
 While the alarm is sounding, press any button to shut off the alarm and turn off the camera. Note that pressing the **POWER** button will turn the camera on. When [SNOOZE] is set to [ON] at this time, the setting will be canceled. When [SNOOZE] is [OFF], the alarm stops automatically and the camera turns off after 1 minute of no operation.
- Checking the alarm settings:
 While the camera is off, press the DISP button to display the set alarm time and the current time for 3 seconds.

VIDEO OUT **Playing back pictures on a TV**

NTSC / PAL

The factory default settings differ according to the region where the camera is sold.

To play back camera images on a TV, set the video output according to your TV's video signal type.

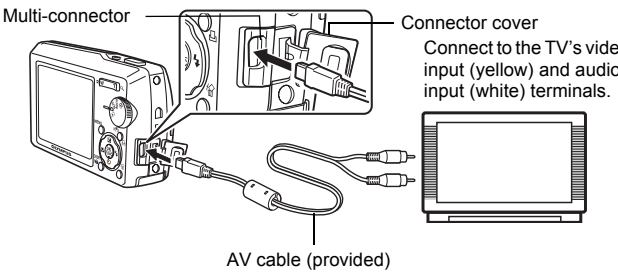
- TV video signal types by country/region Check the video signal type before connecting the camera to the TV.

 NTSC: North America, Taiwan, Korea, Japan

 PAL: European countries, China

Playing back pictures on a TV

Turn off the camera and the TV before connecting.



Settings on the camera

Set the mode dial to ▶, and press the **POWER** button to turn the camera on.

- The last picture taken is displayed on the TV. Use the arrow pad (△▽◁▷) to select the picture you want to display.

Settings on the TV

Turn the TV on, and set it to video input mode.

- For details of switching to video input, refer to your TV's instruction manual.

Display the histogram

OFF / ON

Set the display or nondisplay of the histogram when DISP button is pressed in shooting mode.

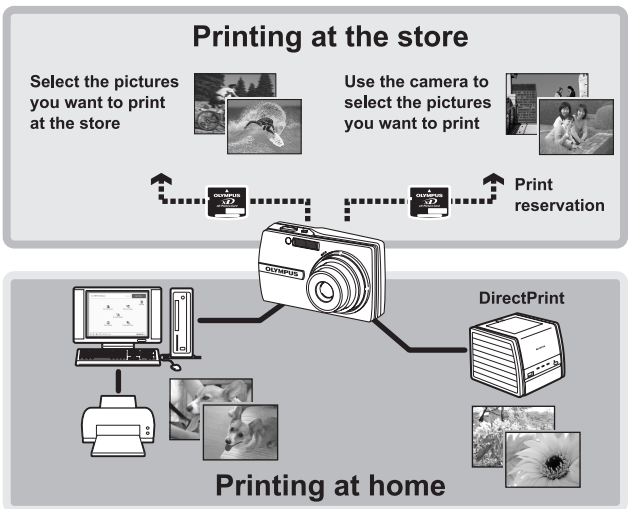
FRAME ASSIST **Display the frame assist/Decide the type**

OFF / ⊞ / ⊠

Set the display or nondisplay and the type of frame assist to be displayed when DISP button is pressed in shooting mode.

3 Printing pictures

You can print out the pictures you have taken.
If you print the pictures at home, you can either connect the camera directly to the printer or you can connect the camera to a computer and download the pictures to the computer first.
If you go to a photo store, it is a good idea to store the print reservation data on the card first. With print reservation, you can print out pictures easily either at home using a personal DPOF-compatible printer or at a photo store that supports DPOF. DPOF is a standard format used to record automatic print information from digital cameras. It allows you to store data such as which pictures you want to print and the number of prints so that you can print pictures automatically at home or at a photo store.
This chapter explains direct printing and print reservations.



Direct printing (PictBridge)

Using the direct printing function

By connecting the camera to a PictBridge-compatible printer, you can print out pictures directly. Select the pictures you want to print and the number of prints on the camera's monitor.
To find out if your printer is compatible with PictBridge, refer to the printer's instruction manual.

What is PictBridge?
A standard for connecting digital cameras and printers of different makers and printing out pictures directly.

- Available printing modes, paper sizes etc., vary depending on the printer you use. Refer to the instruction manual for your printer.
- For details of printing paper types, ink cassettes, etc., refer to the printer's instruction manual.

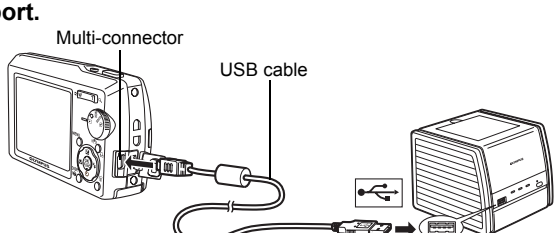
EASY PRINT

[EASY PRINT] can be used to print out the picture displayed on the monitor. The selected picture is printed using the standard settings of your printer. The date and file name are not printed.

STANDARD
All printers that support PictBridge have standard print settings. If [STANDARD] is selected on the settings screens (P.43 to 44), pictures are printed according to these settings. Refer to the printer's instruction manual for its standard settings or contact the printer manufacturer.

1 In playback mode, display the picture you want to print out on the LCD monitor.

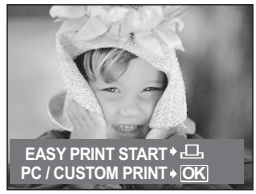
2 Turn the printer on and plug the USB cable provided with the camera into the multi-connector of the camera and the printer's USB port.



- The [EASY PRINT START] screen is displayed.
- For details of how to turn the printer on and the position of the USB port, refer to the printer's instruction manual.

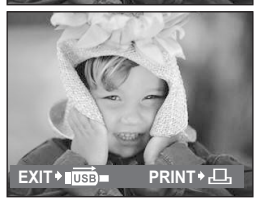
3 Press (🖐)/🖨 button.

• Printing starts.

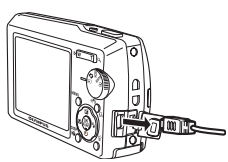


• When printing is finished, the picture selection screen is displayed. To print another picture, press ◁▷ to select a picture, and press (🖐)/🖨 button.

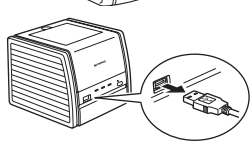
• When you are finished, disconnect the USB cable from the camera with the picture selection screen displayed.



4 Remove the USB cable from the camera.



5 Remove the USB cable from the printer.

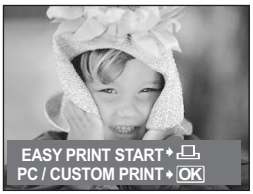


You can use [EASY PRINT] even when the camera is turned off or in shooting mode. With the camera turned off or in shooting mode, connect the USB cable. The selection screen for the USB connection is displayed. Select [EASY PRINT].

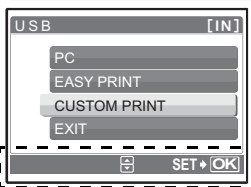
☞ “EASY PRINT” Step 3 (P. 42), “CUSTOM PRINT” Step 2 (P. 43)

Other print modes and print settings (CUSTOM PRINT)

1 **Display the screen being indicated on the right according to the procedure 1 and 2 in P. 41, and press (OK FUNC).**



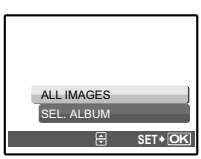
2 **Select [CUSTOM PRINT], and press (OK FUNC).**



Operation guide

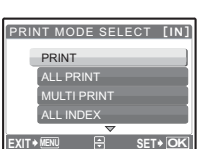
3 **Make the print settings according to the operation guide.**

Selecting the picture to print



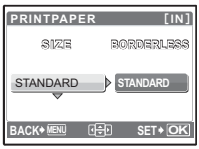
ALL IMAGES	Allows you to select from all pictures in the card to print.
ALBUM	Select an album and the pictures in the album to print. (available only when a card is inserted)

Selecting a print mode



PRINT	Prints the selected picture.
ALL PRINT	Prints all the pictures stored in the internal memory or the card.
MULTI PRINT	Prints one picture in multiple layout format.
ALL INDEX	Prints an index of all the pictures stored in the internal memory or the card.
PRINT ORDER	Prints the pictures according to the print reservation data on the card. If no print reservations have been made, this option is not available. ☞"Print settings (DPOF)" (P. 46)

Setting the print paper



SIZE	Choose from the available paper sizes on your printer.
BORDERLESS	Select framed or unframed. In [MULTI PRINT] mode, you cannot select the frame.
OFF ()	The picture is printed inside a blank frame.
ON ()	The picture is printed filling the entire page.
PICS/SHEET	Available in [MULTI PRINT] mode only. The number of prints that can be printed vary depending on the printer.

Note

- If the [PRINTPAPER] screen is not displayed, [SIZE], [BORDERLESS] and [PICS/SHEET] are set to [STANDARD].

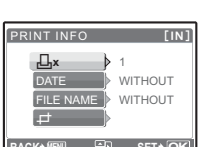
Selecting the picture to print



PRINT	Prints one copy of the selected picture. When [SINGLE PRINT] or [MORE] has been selected, a single copy or more copies are printed.
SINGLE PRINT	Makes a print reservation for the displayed picture.
MORE	Sets the number of prints and data to be printed for the displayed picture.

Press ◁▷ to select the picture you want to print. You can also use the zoom button and select a picture from the index display.

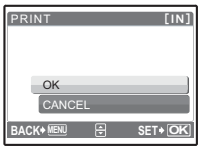
Setting the number of prints and data to be printed



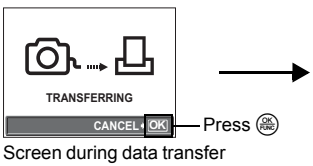
×	Sets the number of prints. You can select up to 10 prints.
DATE ()	If you select [WITH], pictures are printed with the date.
FILE NAME ()	If you select [WITH], pictures are printed with the file name.
	Press the arrow pad (△▽◁▷) or zoom button, adjust the position and size of the trimming box and press (OK). Then the trimmed picture will be printed out.

4 Select [OK], and press ⊛.

- Printing starts.
- When printing is finished, the [PRINT MODE SELECT] screen is displayed.

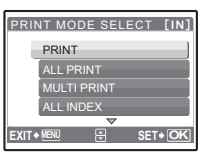


To cancel printing



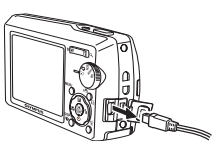
5 In the [PRINT MODE SELECT] screen, press MENU button.

- A message is displayed.

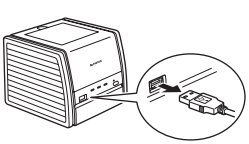


6 Disconnect the USB cable from the camera.

- The camera turns off.



7 Disconnect the USB cable from the printer.



Print settings (DPOF)

How to make print reservations

Print reservation allows you to save printing data (the number of prints and the date and time information) with the pictures stored on the card.

Only the images stored on the card can be reserved to print. Insert a card with recorded pictures into the camera before making print reservations.

Pictures with print reservations can be printed using the following procedures.

Printing using a DPOF-compatible photo store.

You can print the pictures using the print reservation data.

Printing using a DPOF-compatible printer.

Printing is possible directly from a card containing print reservation data, without using a computer. For more details, refer to the printer's instruction manual. A PC card adapter may also be necessary.

Note

- DPOF reservations set by another device cannot be changed by this camera. Make changes using the original device. If a card contains DPOF reservations set by another device, entering reservations using this camera may overwrite the previous reservations.
- Not all functions may be available on all printers, or at all photo stores.

To use print services without using DPOF

- Pictures stored in the internal memory cannot be printed at a photo store. The pictures need to be copied to a card before taking them.
☞"BACKUP Copying pictures in the internal memory to the card" (P. 34)

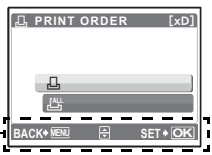
Single-frame reservation

Follow the operation guide to make a print reservation for a selected picture.

1 Press the MENU button in the playback mode and display the top menu.

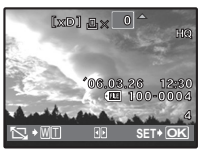
2 Select [PRINT ORDER] ▶ [🖨], and press (OK).

- Playing back the album: Top menu ▶ [PRINT ORDER] ▶ [🖨]



Operation guide

3 Press ◁▷ to select the frames for print reservations, and then press △▽ to set the number of prints.

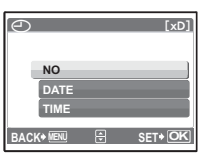


To trim the picture

- Press the zoom button to display the trimming box.
- Press the arrow pad (△▽◁▷) or zoom button, adjust the position and size of the trimming box and press (OK).
- You cannot make print reservations for pictures with 🎥.
- Repeat Step 3 to make print reservations for other pictures.

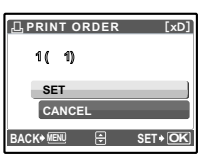
4 When you finish making print reservations, press (OK).

5 Select the date and time print setting, and press (OK).



NO The pictures are printed without the date and time.
DATE The selected pictures are printed with the shooting date.
TIME The selected pictures are printed with the shooting time.

6 Select [SET], and press (OK).



All-frame reservation

Reserves all the pictures stored on the card. The number of prints is set at one print per picture.

1. **Press the MENU button in the playback mode and display the top menu.**
2. **Select [PRINT ORDER] ▶ [ALL], and press OK.**
 - Playing back the album:Top menu ▶ [PRINT ORDER] ▶ [ALL]
3. **Select the date and time setting, and press OK.**

 NO The pictures are printed without the date and time.
 DATE All pictures are printed with the shooting date.
 TIME All pictures are printed with the shooting time.
4. **Select [SET], and press OK.**

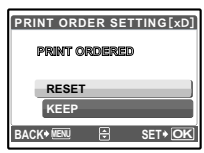
Resetting print reservation data

You can reset all the print reservation data or just for selected pictures.

1. **Select top menu ▶ [PRINT ORDER], and press OK.**
 - Playing back the album:Top menu ▶ [PRINT ORDER]

To reset the print reservation data for all the pictures

2. **Select [] or [ALL], and press OK.**
3. **Select [RESET], and press OK.**



To reset the print reservation data for a selected picture

2. **Select [], and press OK.**
3. **Select [KEEP], and press OK.**
4. **Press ◁▷ to select the picture with the print reservations you want to cancel, and press ▽ to decrease the number of prints to 0.**
 - Repeat Step 4 to cancel print reservations for other pictures.
5. **When you are finished canceling print reservations, press OK.**
6. **Select the date and time setting, and press OK.**
 - The setting is applied to the remaining pictures with print reservations.
7. **Select [SET], and press OK.**

4 Connecting the camera to a computer

Flow

Using the USB cable provided with your camera, you can connect the camera and computer and download (transfer) the images to your computer using the OLYMPUS Master software, also provided with the camera.

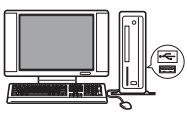
Prepare the following items before starting.



OLYMPUS Master CD-ROM



USB cable



Computer equipped with a USB port

Install the OLYMPUS Master software ☞P. 50

↓

Connect the camera to the computer using the USB cable ☞P. 53

↓

Start up the OLYMPUS Master software ☞P. 54

↓

Download image files to the computer ☞P. 55

↓

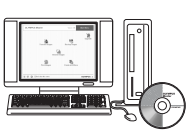
Disconnect the camera from the computer ☞P. 55

Using OLYMPUS Master

What is OLYMPUS Master?

OLYMPUS Master is application software for editing images taken with a digital camera on a computer. Installing it on your computer lets you do the following:

- **Download images from the camera or other media**
- **View images and movies**
 You can run a slideshow and play back sound.
- **Manage images**
 You can organize your images using the calendar display. Search the image you want by date or keyword.
- **Edit images**
 You can rotate images, trim them and change the size.
- **Edit images with the filter and correction functions**



- **Print images**
 You can print images and make indexes, calendars and postcards.
- **Make panoramic images**
 You can make panoramic images using pictures taken in panorama mode.

For details of other functions and operations, refer to the “Help” guide and OLYMPUS Master reference manual.

Install the OLYMPUS Master software

Before installing the OLYMPUS Master software, please confirm that your computer is compatible with the following system requirements.
For newer operating systems, please refer to the Olympus web site as shown on the back cover of this manual.

Operating environment

Windows

OS	Windows 98SE/Me/2000 Professional/XP
CPU	Pentium III 500 MHz or later
RAM	128 MB or more (at least 256 MB is recommended)
Hard disk capacity	300 MB or more
Connector	USB port
Monitor	1,024 × 768 pixels, 65,536 colors or more

Note

- Data transfer is only guaranteed on computers with a factory installed OS.
- To install the software in Windows 2000 Professional/XP, you must log on as a user with administrators' privileges.
- Internet Explorer and QuickTime 6 or later should be installed on your computer.
- Windows XP corresponds to Windows XP Professional/Home Edition.
- Windows 2000 corresponds to Windows 2000 Professional.
- If you are using Windows 98SE, the USB driver is installed automatically.

Macintosh

OS	Mac OS X 10.2 or later
CPU	Power PC G3 500 MHz or later
RAM	128 MB or more (at least 256 MB is recommended)
Hard disk capacity	300 MB or more
Connector	USB port
Monitor	1,024 × 768 pixels, 32,000 colors or more

Note

- Operation is only guaranteed on a Macintosh equipped with a built-in USB port.
- QuickTime 6 or later and Safari 1.0 or later must be installed.
- Be sure to remove the media (drag & drop onto the trash icon) before performing the following operations. Failure to do so could result in unstable computer operation and the need to reboot.
 - Disconnect the cable connecting the camera to the computer
 - Turn off the camera
 - Open the camera's battery compartment/card cover

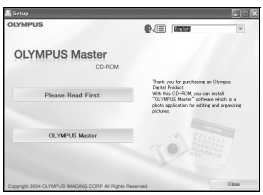
Windows

1 Insert the CD-ROM into the CD-ROM drive.



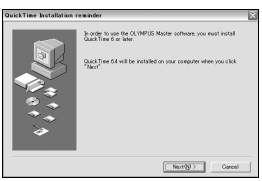
- The OLYMPUS Master setup screen is displayed.
- If the screen is not displayed, double-click the “My Computer” icon and click the CD-ROM icon.

2 Click “OLYMPUS Master”.



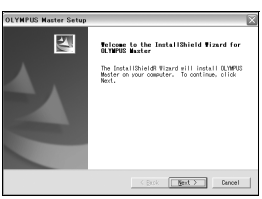
- The QuickTime installation screen is displayed.
- QuickTime is required to use OLYMPUS Master. If the QuickTime screen is not displayed, QuickTime 6 or later is already installed on the computer. In this case, go to step 4.

3 Click “Next” and follow the on-screen instructions.

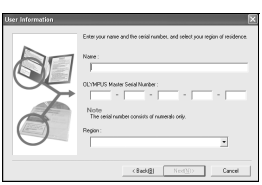


- When the QuickTime licensing agreement is displayed, read the agreement and click “Agree” to proceed with the installation.
- The OLYMPUS Master installation screen is displayed.

4 Follow the on-screen instructions.



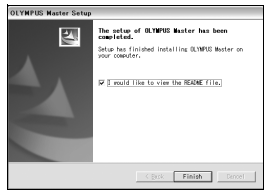
- When the OLYMPUS Master licensing agreement is displayed, read the agreement and click “Yes” to proceed with the installation.



- When the “User Information” dialog box is displayed, enter your “Name” and “OLYMPUS Master Serial Number”; select your region and click “Next”.
 Refer to the sticker on the CD-ROM package for the serial number.
- When the DirectX licensing agreement is displayed, read the agreement and click “Yes”.

• A screen asking whether or not you want to install Adobe Reader is displayed. Adobe Reader is required to read the OLYMPUS Master instruction manual. If this screen is not displayed, Adobe Reader is already installed on your computer. To install Adobe Reader, click “OK”.

5 Follow the on-screen instructions.



• The screen confirming that installation is completed is displayed. Click “Finish”.

6 Select the option to restart immediately when the screen asking you if you wish to restart the computer is displayed and click “OK”.

• The computer restarts.
• Remove the CD-ROM from the CD-ROM drive and store it.

Macintosh

1 Insert the CD-ROM into the CD-ROM drive.



• The CD-ROM window is displayed.
• If the CD-ROM window is not displayed, double-click the CD-ROM icon on the desktop.

2 Double-click on the desired language folder.

3 Double-click the “Installer” icon.



• The OLYMPUS Master installer starts up.
• Follow the on-screen instructions.
• When the OLYMPUS Master licensing agreement is displayed, read the agreement and click “Continue” and then “Agree” to proceed with the installation.
• The screen confirming that installation is completed is displayed.

4 Click “Finish”.

• The first screen is displayed.

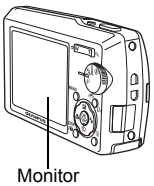
5 Click “Restart”.

• The computer restarts.
• Remove the CD-ROM from the CD-ROM drive and store it.

Connecting the camera to a computer

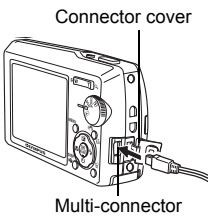
1 Make sure the camera is turned off.

- The monitor is off.
- The lens is retracted.



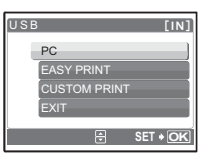
2 Connect the multi-connector on the camera to the USB port on the computer using the provided USB cable.

- Refer to your computer's instruction manual to locate the position of the USB port.
- The camera turns on automatically.
- The monitor turns on and the selection screen for the USB connection is displayed.



3 Select [PC], and press OK.

4 The camera is recognized by the computer.



- **Windows**
 When you connect the camera to your computer for the first time, the computer attempts to recognize the camera. Click "OK" to exit the message that is displayed. The camera is recognized as a "Removable Disk".
- **Macintosh**
 The iPhoto program is the default application for managing digital images. When you connect your digital camera for the first time, the iPhoto application starts automatically, so close this application and start OLYMPUS Master.

Note

- The camera functions are disabled while the camera is connected to a computer.
- Connecting the camera to a computer via a USB hub may cause unstable operation. In this case, do not use a hub, but connect the camera directly to the computer.

Start up the OLYMPUS Master software

Windows

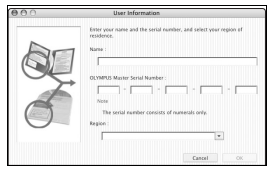
1 Double-click the "OLYMPUS Master" icon on the desktop.

- The main menu is displayed.
- When OLYMPUS Master is started up for the first time after installation, the "Registration" dialog box is displayed before the main menu. Follow the prompts and fill in the registration form.

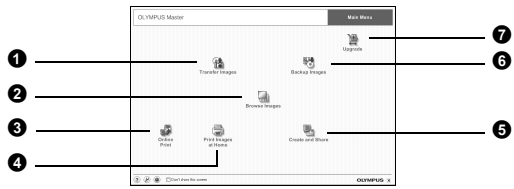
Macintosh

1 Double-click the "OLYMPUS Master" icon in the "OLYMPUS Master" folder.

- The main menu is displayed.
- When OLYMPUS Master is started up for the first time, the "User Information" dialog box is displayed before the main menu. Enter your "Name" and "OLYMPUS Master Serial Number", and select your region.
- After the "User Information" dialog box, the "Registration" dialog box is displayed. Follow the prompts and fill in the registration form.



OLYMPUS Master main menu



❶ **"Transfer Images" button**
Downloads images from the camera or other media.

❷ **"Browse Images" button**
The "Browse" window is displayed.

❸ **"Online Print" button**
The online print window is displayed.

❹ **"Print Images at Home" button**
The print menu is displayed.

❺ **"Create and Share" button**
Displays the editing menu.

❻ **"Backup Images" button**
Creates backup images.

❼ **"Upgrade" button**
Displays window for optional upgrade to OLYMPUS Master Plus.

To exit OLYMPUS Master

1 Click "Exit" on the main menu.

- OLYMPUS Master is exited.

Displaying camera images on a computer

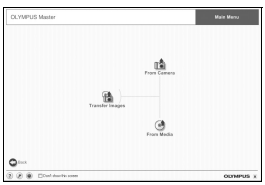
Downloading and saving images

1 Click “Transfer Images” on the OLYMPUS Master main menu.

- The menu for selecting the source is displayed.

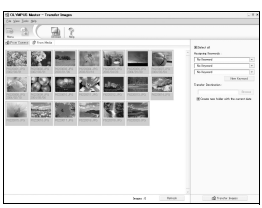
2 Click “From Camera”.

- The window for selecting images is displayed. All the images in the camera are displayed.



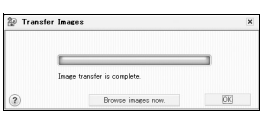
3 Select the image files and click “Transfer Images”.

- A window indicating that the download is complete is displayed.



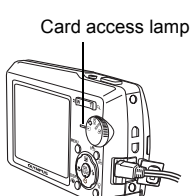
4 Click “Browse images now.”

- The downloaded images are displayed in the browse window.
- To return to the main menu, click “Menu” in the “Browse” window.



To disconnect the camera

1 Make sure that the card access lamp has stopped blinking.



2 Make the following preparations for disconnecting the USB cable.

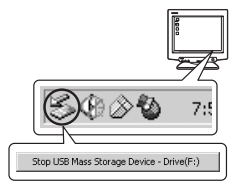
Windows 98SE

① Double-click the “My Computer” icon and right-click the “Removable Disk” icon to display the menu.
② Click “Eject” on the menu.



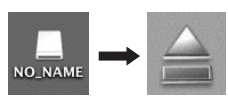
Windows Me/2000/XP

① Click the “Unplug or Eject Hardware” icon in the system tray.
② Click the message that is displayed.
③ When a message is displayed saying that the hardware can be ejected safely, click “OK”.

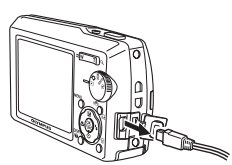


Macintosh

① The trash icon changes to the eject icon when the “Untitled” or “NO_NAME” icon on the desktop is dragged. Drag and drop it on the eject icon.



3 Disconnect the USB cable from the camera.



Note

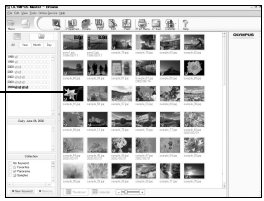
- Windows Me/2000/XP: When you click “Unplug or Eject Hardware”, a warning message may be displayed. Make sure that image data is not being downloaded from the camera and that all applications are closed. Click the “Unplug or Eject Hardware” icon again and disconnect the cable.

Viewing still pictures and movies

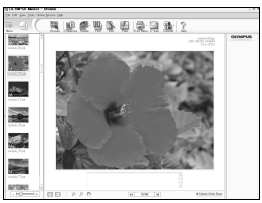
1 Click “Browse Images” on the OLYMPUS Master main menu.

- The “Browse” window is displayed.

2 Double-click the still picture thumbnail that you want to view.



- The camera switches to view mode and the picture is enlarged.
- To return to the main menu, click “Menu” in the “Browse” window.



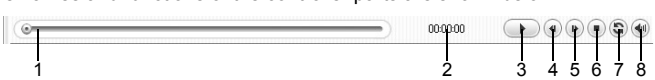
To view a movie

1 Double-click the movie thumbnail that you want to see in the “Browse” window.

- The camera switches to view mode and the first frame of the movie is displayed.

2 To play back the movie, click the playback button at the bottom of the screen.

The names and functions of the controller parts are shown below.



	Item	Description
1	Playback slider	Move the slider to select a frame.
2	Time display	Displays the time that has elapsed during playback.
3	Playback (pause) button	Plays the movie. Functions as the pause button during playback.
4	Back button	Displays the previous frame.
5	Forward button	Displays the next frame.
6	Stop button	Stops playback and returns to the first frame.
7	Repeat button	Plays the movie repeatedly.
8	Volume button	Displays the volume adjustment slider.

Printing pictures

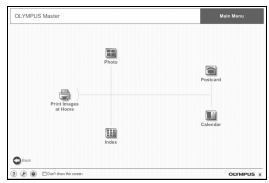
Pictures can be printed from the photo, index, postcard and calendar menus. The explanation below uses the photo menu.

1 Click “Print Images at Home” on the OLYMPUS Master main menu.

- The print menu is displayed.

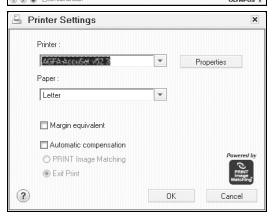
2 Click “Photo” .

- The “Photo Print” window is displayed.



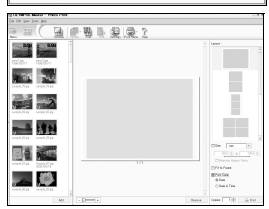
3 Click “Settings” in the “Photo Print” window.

- The printer settings screen is displayed. Make the necessary printer settings.



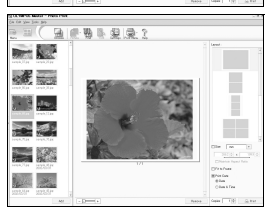
4 Select a layout and size.

- To print the date and time with your image, check the box next to “Print Date”, and select between “Date” and “Date & Time”.

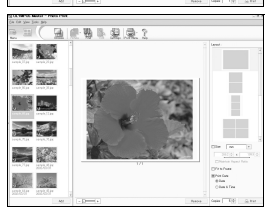


5 Select the thumbnail image that you want to print and click “Add”.

- A preview of the selected image is displayed on the layout.



6 Select the number of copies.



7 Click “Print”.

- Printing starts.
- To return to the main menu, click “Menu” in the “Photo Print” window.

To download and save images to a computer without using OLYMPUS Master

This camera is compatible with USB mass storage. You can connect the camera to your computer using the USB cable provided with the camera to download and save images without using OLYMPUS Master. The following environment is required to use the USB cable to connect the camera to your computer.

Windows: Windows 98SE/Me/2000 Professional/XP

Macintosh: Mac OS 9.0 to 9.2/X

Note

- If your computer is running Windows 98SE, you will need to install the USB driver. Before connecting the camera to your computer with the USB cable, double-click the files from the following folders on the provided OLYMPUS Master CD-ROM.
 (Drive name): \USB\INSTALL.EXE
- Data transfer is not guaranteed in the following environments, even if your computer is equipped with a USB port.
 - Windows 95/98/NT 4.0
 - Windows 98SE upgrades from Windows 95/98
 - Mac OS 8.6 or earlier
 - Computers with a USB port added by means of an extension card, etc.
 - Computers without a factory-installed OS and home-built computers

Shooting tips and information

Tips before you start taking pictures

The camera does not turn on even when a battery is loaded

The battery is not fully charged

- Charge the battery with the charger.

The battery is temporarily unable to function because of the cold

- Battery performance declines in low temperatures, and the charge may not be sufficient to turn on the camera. Remove the battery and warm it by putting it in your pocket for a while.

No picture is taken when the shutter button is pressed

The camera is in sleep mode

- To save battery power, the camera automatically goes into sleep mode and the monitor turns off if there is no operation when the camera is turned on (when the lens is extended and the monitor is on). No picture is taken even if the shutter button is fully pressed in this mode. Operate the zoom button or other buttons to restore the camera from sleep mode before taking a picture. If the camera is left for 15 minutes, it automatically turns off (the lens retracts and the monitor turns off). Press the **POWER** button to turn the camera on.

The mode dial is set to ▶

- This is the playback mode for displaying pictures on the monitor. Set the mode dial to a shooting mode.

The mode dial is in the position of GUIDE

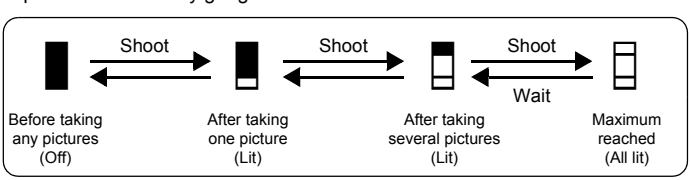
- No pictures can be taken when the shooting guide is being displayed. Turn the mode dial and set it to the position other than **GUIDE** in the shooting mode.

The flash is charging

- Wait until the ϟ (flash charge) mark stops blinking before taking the picture.

The memory gauge is full

- No pictures can be taken when the memory gauge is full. Wait until there is space in the memory gauge.



The date and time have not been set

The camera has been used in the same conditions from the time of purchase

- No date and time have been set for the camera at the time of purchase. Set the date and time before using the camera.

☞ "🕘 Setting the date and time" (P. 37)

The battery has been pulled out of the camera.

- The date and time settings will be returned to the factory default settings if the camera is left without batteries for approximately 1 day. Before taking important pictures, check that the date and time settings are correct.

Shooting tips

Focusing on the subject

There are several ways to focus, depending on the subject.

When the subject is not in the center of the frame

- Place the subject in the center of the frame, lock the focus on the subject, and then recompose your picture.
- Set [AF MODE] to [iESP].

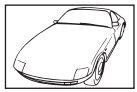
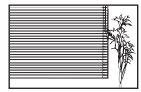
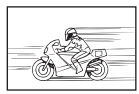
☞ "AF MODE Changing the focusing area" (P. 23)

The subject is moving quickly

- Focus the camera on a point roughly the same distance away as the subject you want to shoot (by pressing the shutter button halfway), and then recompose your picture and wait for the subject to enter the frame.

Subjects that are difficult to focus on

- Under certain types of conditions, it is difficult to focus using auto focus. The green lamp on the monitor lights, allowing you to check if the focus is locked.

The green lamp blinks. The subject cannot be brought into focus.	 Subject with low contrast	 Subject with an extremely bright area in the center of the frame	 Subject without vertical lines
The green lamp lights, but the subject cannot be brought into focus.	 Subjects at different distances	 Fast-moving subject	 The subject is not in the center of the frame

In these cases, focus (focus lock) on an object with high contrast at the same distance as the intended subject, recompose your shot and then take the picture. If the subject has no vertical lines, hold the camera vertically and focus the camera using the focus lock function by pressing the shutter button halfway, and then return the camera to the horizontal position while keeping the button pressed halfway and take the picture.

To shoot a stabilized digital image

Hold the camera in a correct posture and press the shutter button slowly. In addition, pressing the (())/ button and taking a picture in the (()) mode stabilize the digital image.

The digital images are not stabilized when:

- images are shot using a zooming function of high magnification, i.e., using both optical zoom and digital zoom functions,
- the object is dark and the shutter speed is slow, or
- the flash cannot be used or when a low shutter speed set **SCN** mode is selected.

Taking pictures without the flash

The flash fires automatically when there is insufficient light. If the subject is too far away, the flash may have no effect. Here is how to take pictures without the flash in this type of situation.

Set the camera to (()) mode

- Because the sensitivity of the CCD increases automatically, you can hold the camera and take pictures in darker places with the flash off.

☞ "Shooting with digital image stabilization mode" (P. 13)

Increase the [ISO] setting

- Increase the value of the [ISO] setting.

☞ "ISO Changing the ISO sensitivity" (P. 21)

The picture is too grainy

There are several factors that can cause the picture to appear grainy.

Using the digital zoom to take close-up pictures

- With the digital zoom, part of the image is cropped and enlarged. The greater the magnification, the grainier the picture appears.

☞ "DIGITAL ZOOM Zooming in on your subject" (P. 22)

Increasing the ISO sensitivity

- When you increase the [ISO] setting, "noise", which appears as spots of unwanted color or unevenness in the color, can be introduced and give the picture a grainy appearance. This camera is equipped with a function to allow shooting at high sensitivity while suppressing noise; however, increasing the ISO sensitivity creates grainier pictures than when using a lower sensitivity.

☞ "ISO Changing the ISO sensitivity" (P. 21)

Taking pictures with the correct color

- The reason why there are differences between the colors in a picture and the actual colors taken and the actual color is the light source illuminating the subject. [WB] is the function that allows the camera to determine the correct colors. Normally, the [AUTO] setting provides the optimal white balance, but depending on the subject, it may be better to experiment with changing the [WB] setting.
 - When the subject is in the shade on a sunny day
 - When the subject is illuminated by both natural light and indoor lighting, such as when near a window
 - When there is no white in the center of the frame

☞ "WB Adjusting the color of a picture" (P. 21)

Taking pictures of a white beach or snow scene

- Take pictures with 🏖 in **SCN** mode. Suitable for taking pictures on a sunny day at the beach or in the snow.

☞ "Shooting pictures by selecting a scene according to the situation" (P. 20)

- Often, bright subjects (such as snow) turn out darker than their natural colors. Adjust [±] toward [+] to make these subjects closer to their real shades. Conversely, when you are shooting dark subjects, it can be effective to adjust toward the [–]. Sometimes, using the flash may not produce the brightness (exposure) that was intended.

☞ "△± button Changing picture brightness" (P. 13)

Taking pictures of a subject against backlight

- With [ESP/•] set to [•], the picture can be taken based on the brightness at the center of the monitor without being affected by the light in the background.

☞ "ESP/• Changing the area for measuring the brightness of a subject" (P. 22)

- Set the flash to [⚡] to activate fill-in-flash. You can shoot a subject against backlight without the face of the subject appearing dark. [⚡] is effective for shooting against backlight and under fluorescent and other artificial lightening.

☞ "▷⚡ button Flash shooting" (P. 12)

Additional shooting tips and information

Increasing the number of pictures that can be taken

There are two ways to record the pictures you take with this camera.

Recording pictures to the internal memory

- Pictures are recorded to the internal memory, and when the number of storable still pictures reaches 0, you must connect the camera to a computer to download the pictures, and then erase the pictures from the internal memory.

Using a card (optional)

- Pictures are recorded to the card when inserted in the camera. When the card is full, you download the pictures to a computer, and then either erase the pictures from the card or use a new card.
- Pictures are not recorded to the internal memory when a card is inserted in the camera. Pictures in the internal memory can be copied to the card using the [BACKUP] function.

☞ "BACKUP Copying pictures in the internal memory to the card" (P. 34)
"The card" (P. 79)

Number of storable still pictures and recording length of movies

Still pictures

Image quality	Image size	Number of storable still pictures			
		Internal memory		Using a 128 MB card	
		With sound	Without sound	With sound	Without sound
SHQ	3264 × 2448	7	7	31	32
HQ	3264 × 2448	14	14	62	63
SQ1	2560 × 1920	23	23	102	105
	2304 × 1728	28	29	124	128
	2048 × 1536	35	37	156	162
SQ2	1600 × 1200	43	45	190	199
	1280 × 960	64	69	285	307
	1024 × 768	95	107	420	469
	640 × 480	139	165	614	725

Movie

Image quality	Image size	Recording length	
		Internal memory	Using a 128 MB card
SHQ	640 × 480 (30 frames/sec.)	16 sec.	1 min. 10 sec.
HQ	320 × 240 (30 frames/sec.)	43 sec.	3 min. 10 sec.
SQ	160 × 120 (15 frames/sec.)	5 min. 41 sec.	25 min. 1 sec.

- When the [IMAGE QUALITY] is set to [SHQ], the continuously recording length of the card other than the TypeH is up to approx. 15 seconds.

Using a new card

- If you use a non-Olympus card or a card used for another application, such as for a computer, the message [CARD ERROR] is displayed. To use this card with this camera, use the [FORMAT] function to format the card.

☞ "MEMORY FORMAT (FORMAT) Formatting the internal memory or card" (P. 34)

Lamp indicators

This camera uses several lamps to indicate the camera status.

Lamp	Status
Self-timer lamp	The lamp lights for approximately 10 seconds, blinks for approximately 2 seconds, and then the picture is taken.
Card access lamp	Blinking: A picture is being recorded, the camera is reading a movie, or images are being downloaded (when connected to a computer). • Do not do any of the following while the card access lamp is blinking. Doing so may prevent the image data from being saved and render the internal memory or card unusable. • Open the battery compartment/card cover • Remove the battery. • Connect or disconnect the AC adapter.
Green lamp of the LCD monitor	Lit: The focus and exposure are locked. Blinking: The focus and exposure are not locked. • Release your finger from the shutter button, re-position the AF target mark on the subject and press the shutter button halfway again.

Extending the useful life of the battery

- Performing any of the following operations when not actually taking pictures can deplete the battery power.
 - Repeatedly pressing the shutter button halfway
 - Repeatedly using the zoom
- To save battery power, turn off the camera whenever it is not in use.

Functions that cannot be selected from menus

- Some items may not be selectable from the menus when using the arrow pad (△▽◁▷).
 - Items that cannot be set with the current shooting mode
 - Items that cannot be set because of an item that has already been set: [$_{S}$], Flash Mode, etc.
 - Items that cannot be set because the pictures taken by other camera will be edited.
- Some functions cannot be used when there is no card in the camera.

 [PANORAMA], [PRINT ORDER], [ALBUM ENTRY], [], [], [REDEYE FIX], [BLACK & WHITE], [SEPIA], [FRAME], [TITLE], [CALENDAR], [LAYOUT], [BRIGHTNESS], [SATURATION], [INDEX], [EDIT], [UNDO ENTRY], [SELECT JACKET], [FORMAT], [BACKUP]

Selecting the optimal record mode

A record mode expresses a combination of desired image size and compression level. Use the following examples to help determine the optimal record mode when shooting.

To print large images on full-size paper/To edit and process images on a computer

- [SHQ] or [HQ]

To print postcard-size images

- [SQ1]

To send as an e-mail attachment or post on a web site

- [SQ2]

☞ "IMAGE QUALITY Changing the image quality" (P. 19)

To return the settings of functions to default settings

- If the settings such as [IMAGE QUALITY] or flash settings (excluding (()) and **SCN**) are changed according to the shooting, the changed settings can be maintained even after the power is turned off. To return the settings to default settings, execute [RESET].

☞ "RESET Change the shooting functions back to default settings" (P. 20)

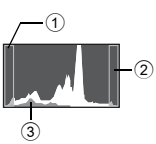
Confirming the exposure when the monitor is difficult to see outdoors

The monitor may be difficult to see and the exposure difficult to confirm when shooting outdoors.

Press the DISP. button repeatedly to display the histogram

- Set the exposure so that the graph is concentrated on the outer edges and the graph is balanced on both sides.

How to read the histogram



① If the peak fills too much of the frame, the image will appear mostly black.
② If the peak fills too much of the frame, the image will appear mostly white.
③ The part indicated in green in the histogram shows the luminance distribution within the AF target mark.

☞ "DISP. button Changing the information displays /Display the menu guide" (P. 14)

Playback help and troubleshooting tips

To stabilize the blurred picture

If the played back picture is blurred, press the (())/🖨 button and the OK button in this order to stabilize the picture.

Icon

No icon: The image cannot be stabilized.

(())▫▫▯ : The image has already been stabilized or has no blur.

(())▪▫▯ (())▪▪▯ (())▪▪▮ : The image can be stabilized. (In some images, the proper stabilization effect may not be acquired.)

* It may take long time to display the Icon.

The blurred image cannot be stabilized

Some images cannot be stabilized or cannot acquire the proper stabilization effect even if the (())/🖨 button is pressed.

The shutter speed is low / the digital image is severely shaken: The recorded picture may not be stabilized or cannot acquire the proper stabilization effect.

Moving object: The image cannot acquire the proper stabilization effect.

In addition, the digital image stabilization mode cannot be activated when:

- the USB cable is connected to the camera,
- the internal memory capacity or the card capacity is insufficient, or
- the image edited by the movie or the PC, or the image shot by the camera other than this camera is selected.

The red-eye cannot be fixed

- Depending on the picture, the red-eye may not be fixed. Also, parts except the eye may be fixed.

The picture cannot be registered in the album

- Up to 100 pictures can be registered in each album.
- The same picture cannot be registered in several albums.

Playback tips

Playing back the picture in the internal memory

- When a card has been inserted in the camera, the picture in the internal memory cannot be played back. Pull out the card before operating the camera.

Understanding the settings and other information of pictures taken

- Play back a picture, and press the DISP. button. Press the DISP. button repeatedly to change the amount of information displayed.

☞ "DISP. button Changing the information displays /Display the menu guide" (P. 14)

Quickly displaying a desired picture

- Use the album function. You can create up to 12 albums and enter the pictures on a card to the albums. To view the pictures, set the mode dial to ▶, and then select an album from the top menu to play back.
 The same picture cannot be entered in multiple albums.

☞ "ALBUM ENTRY Adding pictures to an album" (P. 30)
"ALBUM See the pictures registered in the album" (P. 31)

- Press W on the zoom button to view the pictures as thumbnails (index display) or in a calendar format (calendar display).

☞ "Zoom button Zooming while shooting/close-up playback" (P. 11)

Erasing sound recorded to still pictures

- Once sound is added to a picture, it is not possible to erase the sound. In this case, make a re-recording with silence. Sound recording is not possible if there is insufficient space in the internal memory or on the card.

☞ "🎙 Adding sound to still pictures" (P. 29)

Viewing the entire picture on a computer screen

The size of the picture displayed on a computer screen changes depending on the computer settings. When the monitor setting is 1,024 × 768 and you are using Internet Explorer to view a picture with an image size of 2,048 × 1,536 at 100%, the entire picture cannot be viewed without scrolling. There are several ways you can view the entire picture on the computer screen.

View the picture using image browsing software

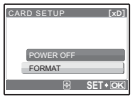
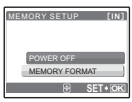
- Install the OLYMPUS Master software from the provided CD-ROM.

Change the monitor setting

- The icons on the computer desktop may be rearranged. For details of changing the settings on your computer, refer to the computer's instruction manual.

When you get an error message on the camera...

Monitor indication	Possible cause	Corrective action
CARD ERROR	There is a problem with the card.	This card cannot be used. Insert a new card.
WRITE-PROTECT	Writing to the card is prohibited.	The recorded image has been protected (read-only) on a computer. Download the image to a computer and cancel the read-only setting.
MEMORY FULL	The internal memory has no available memory and cannot store any new data.	Insert a card or erase unwanted data. Before erasing, back up the data of important pictures using the card, or download such pictures to a computer.
CARD FULL	The card has no available memory and cannot store any new data.	Replace the card or erase unwanted data. Before erasing, download important pictures to a computer.
NO PICTURE	There are no pictures in the internal memory or on the card.	The internal memory or the card contains no pictures. Record pictures.
PICTURE ERROR	There is a problem with the selected picture and it cannot be played back on this camera.	Use image processing software to view the picture on a computer. If that cannot be done, the image file is damaged.
 CARD-COVER OPEN	The battery compartment/card cover is open.	Close the battery compartment/card cover.
 BATTERY EMPTY	The battery is empty.	Charge the battery.
 Y/M/D	When the camera is used for the first time or the battery has been removed for a long time, the date and time are on the factory default setting.	Set the date and time.

Monitor indication	Possible cause	Corrective action
	This card cannot be used in this camera. Or, the card is not formatted.	Format the card or replace. • Select [POWER OFF] and press OK. Insert a new card. • Select [FORMAT] ▶ [YES] and press OK. All data on the card is erased.
	There is an error in the internal memory.	Select [MEMORY FORMAT] ▶ [YES] and press OK. All data in the internal memory is erased.
NO CONNECTION	The camera is not connected to the printer correctly.	Disconnect the camera and connect it again correctly.
NO PAPER	There is no paper in the printer.	Load some paper in the printer.
NO INK	The printer has run out of ink.	Replace the ink cartridge in the printer.
JAMMED	The paper is jammed.	Remove the jammed paper.
SETTINGS CHANGED	The printer's paper tray has been removed or the printer has been operated while changing settings on the camera.	Do not operate the printer while changing settings on the camera.
PRINT ERROR	There is a problem with the printer and/or camera.	Turn off the camera and printer. Check the printer and remedy any problems before turning the power on again.
CANNOT PRINT	Pictures recorded on other cameras may not be printed on this camera.	Use a computer to print.

Functions available in shooting modes and scenes

Some functions cannot be set in certain shooting modes. For more details, refer to the table below.
Grayed out areas () in the **SCN** column indicate that to enable the shooting scene in **SCN** mode, there are restrictions to the functions that can be set.
☞ "Functions with restrictions in shooting scenes" (P. 74)

Functions available in shooting modes

Shooting mode / Function	P	AUTO	SCN	
	✓	✓	✓	✓
Flash	✓	✓		—
/	✓	✓		✓
	✓	✓		✓
Optical zoom	✓	✓		✓
	✓	✓		✓
WB	✓	—	✓	✓
ISO	✓	—	—	—
DRIVE	✓	—	—	—
ESP/	✓	—		✓
IMAGE QUALITY	✓	✓		✓
DIGITAL ZOOM	✓	—		✓
AF MODE	✓	—		—
	✓	—		—
PANORAMA	✓	—		—
MEMORY FORMAT (FORMAT)	✓	✓	✓	✓
BACKUP	✓	✓	✓	✓
	✓	✓	✓	✓
PW ON SETUP	✓	✓		✓
COLOR	✓	✓	✓	✓
BEEP	✓	✓		✓
	✓	✓		✓
SHUTTER SOUND	✓	✓		—
REC VIEW	✓	✓		—
FILE NAME	✓	✓	✓	✓
PIXEL MAPPING	✓	✓	✓	✓
	✓	✓	✓	✓
	✓	✓	✓	✓
DUALTIME	✓	✓	✓	✓

Shooting mode / Function	P	AUTO	SCN	
ALARM CLOCK	✓	✓	✓	✓
VIDEO OUT	✓	✓	✓	✓
	✓	✓	✓	—
FRAME ASSIST	✓	✓	✓	—

Functions with restrictions in shooting scenes

Scene / Function													
Flash	✓	✓	✓	✓	—	✓	—	—	—	—	—	—	✓*4
/	✓	✓*1	✓*1	✓	✓	✓*1	✓*1	—	✓	✓	—	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—
Optical zoom	✓	✓	✓	✓	✓	—	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	✓
ESP/	✓	✓	✓	✓	✓	—	✓	✓	✓	✓	✓	✓	✓
IMAGE QUALITY	✓	✓	✓	✓	✓*2	✓	✓	✓	✓	✓	*3	✓*2	✓
DIGITAL ZOOM	✓	✓	✓	✓	—	—	✓	✓	✓	✓	✓	—	✓
AF MODE	✓	✓	✓	✓	✓	—	✓	—	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—
PANORAMA	✓	✓	✓	✓	✓	—	✓	✓	✓	✓	—	—	—
PW ON SETUP	✓	✓	✓	✓	✓	✓	✓	✓	—	✓	✓	✓	✓
BEEP	✓	✓	✓	✓	✓	✓	✓	✓	—	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	—	✓	✓	✓	✓
SHUTTER SOUND	✓	✓	✓	✓	✓	✓	✓	✓	—	✓	✓	✓	✓
REC VIEW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—

*1 [] is not available.
*2 Only the picture quality below [2048 x 1536] is available.
*3 The picture quality is fixed to [640 x 480].
*4 Excluding [].

Glossary of terms

Aperture

The adjustable lens opening which controls the amount of light that enters the camera. The larger the aperture, the shorter the depth of field and the fuzzier the background. The smaller the aperture, the greater the depth of field and the sharper the background. Larger aperture values indicate smaller apertures, and smaller aperture values indicate larger apertures.

CCD (Charge-Coupled Device)

This converts light passing through the lens into electrical signals. On this camera, light is picked up and converted into RGB signals to build a single image.

Contrast Detection Method

This is used to measure the distance to the subject. The camera determines if the image is focused by the level of contrast in the subject.

Conventional Photograph

This refers to recording images using silver halide (the method for recording images in conventional, non-digital photography). This system is in contrast to still video and digital photography.

DCF (Design Rule for Camera File System)

A standard for image files by the Japan Electronics and Information Technology Industries Association (JEITA).

DPOF (Digital Print Order Format)

This is for saving desired print settings on digital cameras. By entering which images to print and the number of copies of each, the user can easily have the desired images printed by a printer or print lab that supports the DPOF format.

Eclipsing (Vignetting)

This refers to when an object obscures part of the field of view so that the whole subject is not photographed. Vignetting also refers to when the image seen through the viewfinder does not exactly match the image shot through the objective lens, so the photographed image includes objects not seen through the viewfinder. In addition, vignetting can occur when an incorrect lens hood is used, causing shadowing to appear in the corners of the image.

ESP (Electro-Selective Pattern) Light Metering/Digital ESP Light Metering

This determines the exposure by metering and calculating the light levels in the center and other areas of the image separately.

EV (Exposure Value)

A system for measuring exposure. EV0 is when the aperture is at F1 and the shutter speed is 1 second. The EV then increases by 1 each time the aperture increases by one F stop or the shutter speed increases by one increment. EV can also be used to indicate brightness and ISO.

Exposure

The amount of light used to capture an image. The exposure is determined by the time the shutter is open (shutter speed) and the amount of light that passes through the lens (aperture).

Image size

The size of an image expressed by the number of pixels that make up the image. For instance, a picture taken with an image size of 640 × 480 fills the computer screen when the monitor setting is 640 × 480. However, if the monitor setting is 1,024 × 768, the picture only takes up part of the screen.

ISO

A method for indicating film speed by the International Organization for Standardization (ISO) (ex.gISO100h). Higher ISO values indicate greater sensitivity to light, so images can be exposed even in low-light conditions.

JPEG (Joint Photographic Experts Group)

A compression format for still images. Photographs (pictures) taken using this camera are recorded onto the card in JPEG format. By downloading these images to a computer, users can edit them using graphics application software or view the images using an Internet web browser.

NTSC (National Television Systems Committee) / PAL (Phase Alternating Line)

Television formats. NTSC is mainly used in Japan, North America and Korea. PAL is mainly used in Europe and China.

PictBridge

A standard for connecting digital cameras and printers of different makers and printing out pictures directly.

Pixels

A pixel is the smallest unit (dot) used to make up an image. Clear large-sized printed images require millions of pixels.

Program auto

Also called Program AE mode. The camera automatically sets the best shutter speed and aperture for the shot.

Sleep mode

A mode designed to save battery life. The camera automatically enters the sleep mode if you do not operate it for a certain time. To exit the sleep mode, use any button on the camera (shutter button, arrow pad (△▽◁▷), etc.).

TFT (Thin-Film Transistor) Color Monitor

A transistor color monitor constructed using thin-film technology.

6 Miscellaneous

Camera care

Cleaning the camera

Exterior:

- Wipe gently with a soft cloth. If the camera is very dirty, soak the cloth in mild soapy water and wring well. Wipe the camera with the damp cloth and then dry it with a dry cloth. If you have used the camera at the beach, use a cloth soaked in clean water and wrung well.

Monitor:

- Wipe gently with a soft cloth.

Lens:

- Blow dust off the lens with a commercial blower, then wipe gently with a lens cleaner.

Battery/Charger:

- Wipe gently with a soft, dry cloth.

Note

- Do not use strong solvents such as benzene or alcohol, or chemically treated cloth.
- Mold may form on the lens surface if the lens is left dirty.

Storage

- When storing the camera for extended periods, remove the battery, AC adapter and card, and keep in a cool, dry place that is well ventilated.
- Periodically insert the battery and test the camera functions.

Note

- Avoid leaving the camera in places where chemical products are handled since this may result in corrosion.

Battery and charger

- This camera uses one Olympus lithium ion battery (LI-12B). No other type of batteries can be used.
- Power consumption by the camera varies depending on which functions are used.
- During the conditions described below, power is consumed continuously and the battery becomes exhausted quickly.
 - The zoom is used repeatedly.
 - The shutter button is pressed halfway repeatedly in shooting mode, activating the auto focus.
 - A picture is displayed on the monitor for an extended period of time.
 - The camera is connected to a computer or printer.
- Using an exhausted battery may cause the camera to turn off without displaying the battery level warning.
- The rechargeable battery is not fully charged at the time of purchase. Charge the battery fully with the LI-10C charger before use.
- The provided rechargeable battery usually takes approximately 120 minutes to charge.
- This camera uses a charger specified by Olympus. Do not use any other type of charger.
- The charger can be used within the range of AC 100 V to AC 240 V (50/60 Hz). When using the charger abroad, you may need a plug adapter to convert the plug to the shape of the AC wall outlet. For details, ask at your local electrical shop or travel agent.
- Do not use travel voltage converters as they could damage your charger.

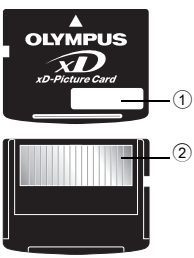
Useful use of the accessories

The card

Pictures can be recorded on the optional card.
The internal memory and card are the camera's media for recording pictures, similar to film in a film camera.
Pictures recorded to the internal memory or card can be easily erased on the camera or processed using a computer.
Unlike portable storage media, the internal memory cannot be removed or exchanged.
The number of recordable pictures can be increased by using a card with a larger capacity.

① Index area
You can use this space to write the contents of the card.

② Contact area
The part where the data transferred from the camera enters the card.



Compatible cards

xD-Picture Card (16MB – 1GB)

Using the internal memory or card

You can confirm on the monitor whether the internal memory or card is being used during shooting and playback operations.

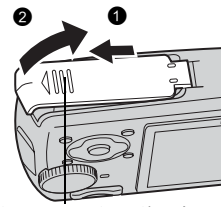
Shooting mode **Playback mode**



Inserting and removing the card

1 **Turn off the camera**

2 **Open the battery compartment/card cover.**

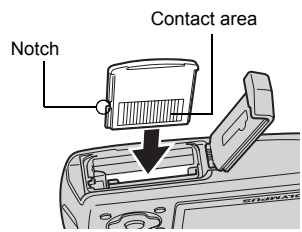


Battery compartment/card cover

Inserting the card

3 **Orient the card as shown, and insert it into the card slot as shown in the illustration.**

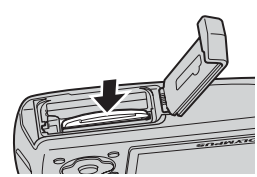
- Insert the card straight in.
- Insert the card until it clicks into place.



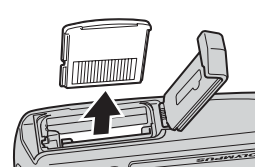
Removing the card

3 **Push the card all the way in and release slowly.**

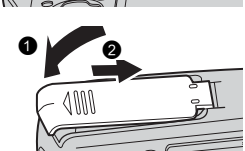
- The card protrudes slightly and stops.



- Grasp the card and remove.

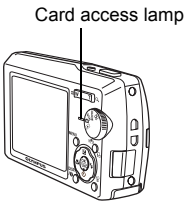


4 **Close the battery compartment/card cover.**



Note

- The card access lamp blinks while the camera is reading the images. Reading of images may take some time. Do not open the battery compartment/card cover while the card access lamp is blinking. Doing so may damage the data in the internal memory or the card and render the internal memory or card unusable.



AC adapter

An AC adapter is useful for time-consuming tasks such as image downloads to a computer or when running a slideshow for a long period of time. To use an AC adapter for this camera, the multi-adapter (CB-MA1/accessory) is required. Do not use any other AC adapter with this camera.

Note

- Do not remove or load the battery or connect or disconnect the AC adapter or the multi-adapter while the camera is turned on. Doing so could affect the camera's internal settings or functions.
- The AC adapter can be used within the range of AC 100 V to AC 240 V (50/60 Hz).
- When using abroad, you may need a plug adapter to convert the plug to match the AC wall outlet. For details, ask at your local electrical shop or travel agent.
- Do not use travel voltage converters as they could damage your AC adapter.
- The camera is not water resistant during AC adapter use.
- Be sure to read the instruction manual for the AC adapter.

Safety Precautions

Caution for Usage Environment

- To protect the high-precision technology contained in this product, never leave the camera in the places listed below, no matter if in use or storage:
 - Places where temperatures and/or humidity are high or go through extreme changes. Direct sunlight, beaches, locked cars, or near other heat sources (stove, radiator, etc.) or humidifiers.
 - In sandy or dusty environments.
 - Near flammable items or explosives.
 - In wet places, such as bathrooms or in the rain. When using products with weatherproof designs, read their manuals as well.
 - In places prone to strong vibrations.
- Never drop the camera or subject it to severe shocks or vibrations.
- When mounted on a tripod, adjust the position of the camera with the tripod head. Do not twist the camera.
- Do not touch electric contacts on cameras.
- Do not leave the camera pointed directly at the sun. This may cause lens or shutter curtain damage, color failure, ghosting on the CCD, or may possibly cause fires.
- Do not push or pull severely on the lens.
- Before storing the camera for a long period, remove the battery. Select a cool, dry location for storage to prevent condensation or mold from forming inside the camera. After storage, test the camera by turning it on and pressing the shutter release button to make sure that it is operating normally.
- Always observe the operating environment restrictions described in the camera's manual.

Battery Handling Precautions

- This camera uses a lithium ion battery specified by Olympus. Do not use any other type of battery. For safe and proper use, read the battery's instruction manual carefully before using it.
- If the battery's terminals get wet or greasy, camera contact failure may result. Wipe the battery well with a dry cloth before use.
- Always charge a battery when using it for the first time, or if it has not been used for a long period.
- When operating the camera with battery power at low temperatures, try to keep the camera and spare battery as warm as possible. A battery that has run down at low temperatures may be restored after it is warmed at room temperature.
- The number of pictures you can take may vary depending on the shooting conditions or battery.
- Before going on a long trip, and especially before traveling abroad, purchase extra batteries. A recommended battery may be difficult to obtain while traveling.
- Please recycle batteries to help save our planet's resources. When you throw away dead batteries, be sure to cover their terminals and always observe local laws and regulations.

LCD Monitor

- Do not push the monitor forcibly; otherwise the image may become vague, resulting in a playback mode failure or damage to the monitor.
- A strip of light may appear on the top/bottom of the monitor, but this is not a malfunction.
- When a subject is viewed diagonally in the camera, the edges may appear zigzagged on the monitor. This is not a malfunction; it will be less noticeable in playback mode.
- In places subject to low temperatures, the LCD monitor may take a long time to turn on or its color may change temporarily. When using the camera in extremely cold places, it is a good idea to occasionally place it in a warm place. An LCD monitor exhibiting poor performance due to low temperatures will recover in normal temperatures.
- The LCD used for the monitor is made with high-precision technology. However, black spots or bright spots of light may appear constantly on the LCD Monitor. Due to its characteristics or the angle at which you are viewing the monitor, the spot may not be uniform in color and brightness. This is not a malfunction.

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- Olympus makes no representations or warranties regarding any damages or any benefit expected by using this unit lawfully which are caused by erasing picture data.

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FCC Notice

- Radio and Television Interference
 Changes or modifications not expressly approved by the manufacturer may void the user's authority to operate this equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
 This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
 However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Adjust or relocate the receiving antenna.
 - Increase the distance between the camera and receiver.
 - Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
 - Consult your dealer or an experienced radio/TV technician for help. Only the OLYMPUS-supplied USB cable should be used to connect the camera to USB enabled personal computers (PC).

Any unauthorized changes or modifications to this equipment would void the user's authority to operate.

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OLYMPUS IMAGING CORP.

Shinjuku Monolith, 3-1 Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo, Japan

OLYMPUS IMAGING AMERICA INC.

Two Corporate Center Drive, P.O. Box 9058, Melville, NY 11747-9058, U.S.A. Tel. 631-844-5000

Technical Support (USA)
24/7 online automated help: http://www.olympusamerica.com/support
Phone customer support: Tel. 1-888-553-4448 (Toll-free)

Our phone customer support is available from 8 am to 10 pm
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E-Mail: distec@olympus.com
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OLYMPUS IMAGING EUROPA GMBH

Premises: Wendenstrasse 14-18, 20097 Hamburg, Germany
Tel: +49 40-23 77 3-0 / Fax: +49 40-23 07 61
Goods delivery: Bredowstrasse 20, 22113 Hamburg, Germany
Letters: Postfach 10 49 08, 20034 Hamburg, Germany

European Technical Customer Support:
Please visit our homepage **http://www.olympus-europa.com**
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